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MICHELL'S

Seeds · Bulbs · Plants 1937

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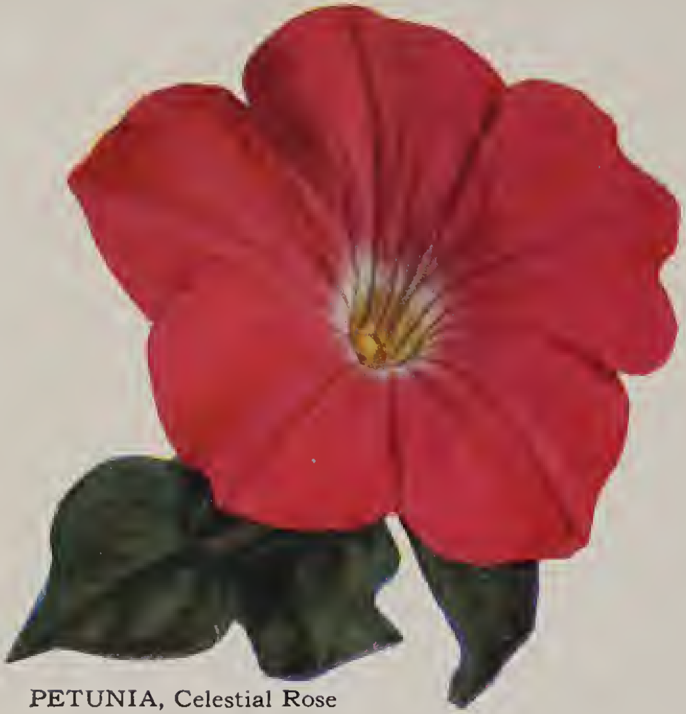
U. S. Department of Agricultur

ZINNIA, Star Dust
Pkt. 25c.; 75c. per large pkt.

CENTAUREA, Jubilee Gem
Pkt. 25c.; 50c. per large pkt.

HENRY F. MICHELL CO.

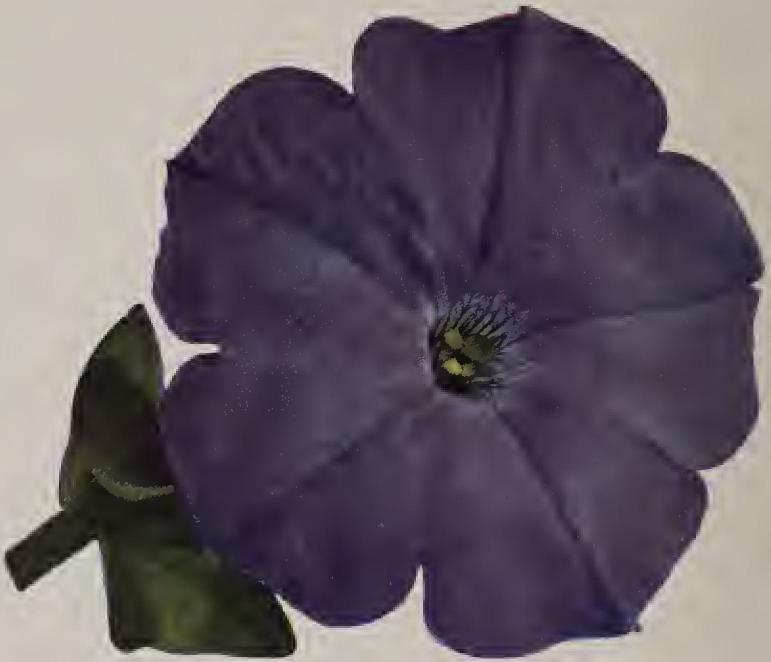
516 and 518 MARKET STREET PHILADELPHIA, PA.
Nurseries • Trial-Grounds • Greenhouses • ANDALUSIA, PA.



PETUNIA, Celestial Rose

PETUNIA · Bluebird

You will like this bedding variety which was introduced a year or so ago. The color illustration was made directly from the flowers, and is accurate in color and form. Plant is of medium height, spreading, and very free flowering. Pkt. 15c.; 50c. per large pkt.



PETUNIA, Bluebird

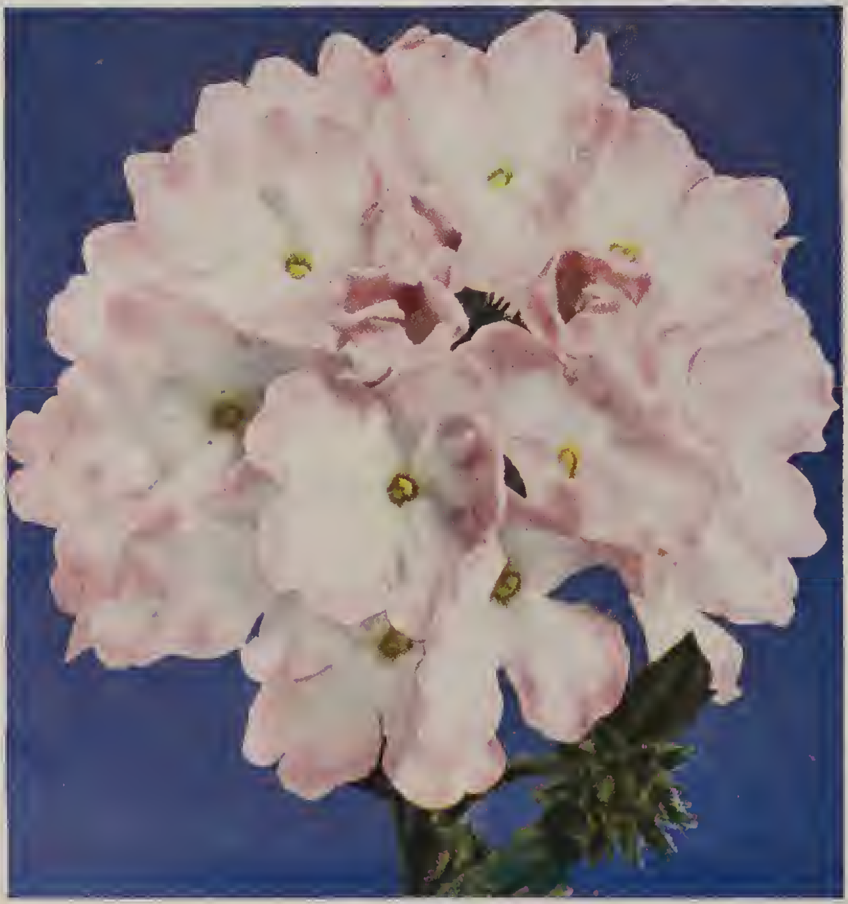
PETUNIA · Celestial Rose

Makes a marvelous bed of color that is sure to attract attention. The plant is dwarf but compact, and produces the deep rose-pink flowers in great profusion. Pkt. 15c.; 50c. per large pkt.

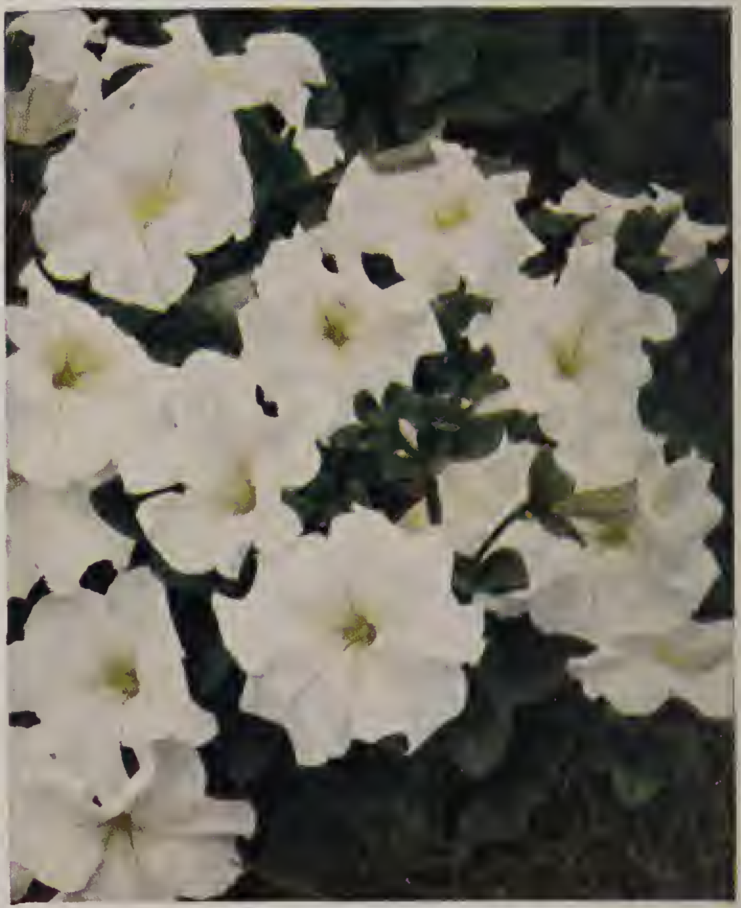
VERBENA · Apple Blossom

A new color in Verbenas. The flowers are creamy white at the center but shade to cameo-pink toward the edges of the petals. Flower-head is from 4 to 5 inches across. The plant needs plenty of room to spread, and is free blooming. Pkt. 25c.; 75c. per large pkt.

COLLECTION: One pkt. each of the four Novelties illustrated on this page **65c**



VERBENA, Apple Blossom



PETUNIA, Snow Bedder

PETUNIA · Snow Bedder

As its name implies, this is a pure white bedding Petunia. The flowers are unusually large, and borne very freely on erect plants. Pkt. 25c.; 75c. per large pkt.

SPECIAL TELEPHONE SERVICE

Telephone your order. It will get prompt, courteous attention here.

BELL: Lombard 5620 to 5627
KEYSTONE: Main 1631-1632

IMPORTANT TO CUSTOMERS

TO AVOID MISUNDERSTANDINGS READ THESE CONDITIONS OF SALE

LOCAL DELIVERY

Our free delivery service covers Philadelphia and vicinity, also Camden, N. J., and near-by points, but we do not guarantee to maintain a daily delivery to these places.

Please note the free delivery service does not include bulky quantities of fertilizers in over ¼-ton quantities. Special arrangements can, however, be made for delivery of these at a reasonable charge.

Shipment of goods can also be made by package service from Market and Chestnut Street Ferries, Broad Street Station, Reading Terminal, and B. & O. R. R., at 24th and Chestnut Streets. The tariff for shipments that can be made by this method on merchandise they will receive packed in one piece is as follows:

10 lbs. and under, 12c.
11 lbs. to 25 lbs., 18c.
26 lbs. to 40 lbs., 24c.
41 lbs. to 50 lbs., 30c.

Shipments weighing more cannot be sent via Package Service.

WE WELCOME CHARGE ACCOUNTS

We invite you to take advantage of the convenience of a charge account with us. So that no time will be lost in executing your first order, please send us the names of two or more business houses with whom you have had past or present credit relations.

ORDER EARLY

We would greatly appreciate if you would send orders for seeds, plants, bulbs, etc. during January and February whenever possible. Shipment will be made when you want the goods.

SHIPPING INSTRUCTIONS

Always state by what method you want goods forwarded; otherwise we will ship according to our best judgment.

PACKING CHARGES

No charge is made for boxes, packing, or bags, except for two-bushel seamless sacks, which are returnable for credit at the market price as charged.

C. O. D. SHIPMENTS

Goods can be sent C. O. D. with the exception of perishable items, including plants and cold-storage bulbs. Where the shipment is to be made by Express or Freight, it is necessary to send a partial remittance with the order. We are sorry but we are unable to accept C. O. D. orders for less than $1.00.

EMPLOYMENT SERVICE

Positions for Gardeners, Estate Superintendents, etc.—We have on our register the names of competent Gardeners, Superintendents, Greenskeepers, Farmers and Poultrymen who desire positions. We are always pleased to put them in communication with parties desiring services of such men.

For our customers who wish to engage a landscape or jobbing gardener, we maintain a list from which we can give you the names of one or more in your locality. We recommend only those who have proved reliable.

HAVE YOU MOVED LATELY?

Please let us know of any permanent change of address so that you may receive our catalogues regularly.

CONDITIONS OF SALE

All contracts, sales, and acknowledgments of orders are contingent on crop failures, our ability to import and make deliveries in conformity with the "Plant Quarantine Act," partial deliveries by growers or manufacturers, strikes, or other unavoidable causes beyond our control, clerical errors included; also unsatisfactory credit standing. All quotations are subject to market changes and goods being unsold on receipt of order.

Henry F. Michell Co. give no warranty, expressed or implied, as to the description, purity, or productiveness of any seeds, plants, or bulbs they send out, and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, he must notify us at once, and we will give instructions for disposition of the goods.

Forwarding Service

We pay postage charges on all orders for Vegetable Seeds, Flower Seeds, and Grass Seeds in quantities up to 5 pounds (unless otherwise noted) to the First and Second Zones. If larger quantities of the above, also Bulbs, Plants, and Sundries, are wanted by Parcel Post, remit for postage the amount named in connection with the item to the First and Second Zones; for other Zones add additional postage or at the rate quoted in table opposite.

All Plants, Roots, and Bulbs are forwarded by Express (or Parcel Post when possible), purchaser paying charges, unless otherwise noted.

For those of our customers who prefer to receive such goods by Parcel Post, we will be pleased to forward in this manner such plants as can be sent in this way at the following additional cost, which must be added to the value of each order for Plants, Roots, or Bulbs unless otherwise noted.

To all points east of the Mississippi River, add 10 per cent to cover postage and packing charges; to all points west of the Mississippi River, add 15 per cent.

SAFE ARRIVAL. We guarantee the safe arrival of all goods sent to points within the United States except when shipped to points where there is no Express or Freight agent; to such points the purchaser must assume any claim for loss or damage.

PARCEL POST RATES from Philadelphia (subject to change)

United States Parcel Post Rates (Seeds, plants, and bulbs included) (Subject to Change)	First pound or fraction	Each additional pound or fraction	Packages must not exceed 100 inches (length and girth combined)
Local Rate, Philadelphia	$0 07	$0 01	Limit of weight to all zones, 70 lbs. A fraction of a cent in the total amount of postage on any parcel shall be counted as a full cent.
1st Zone, within 50 miles of Philadelphia	08	01.1	
2d Zone, over 50 and under 150 miles	08	01.1	
3d Zone, over 150 and under 300 miles	09	02	
4th Zone, over 300 and under 600 miles	10	03.5	
5th Zone, over 600 and under 1000 miles	11	05.3	
6th Zone, over 1000 and under 1400 miles	12	07	
7th Zone, over 1400 and under 1800 miles	14	09	
8th Zone, over 1800 miles	15	11	

On Seeds, Bulbs, Plants, or Roots not exceeding eight (8) ounces in weight, the postage charge is 1c. for each two (2) ounces or fraction thereof; on Sundries or other Merchandise not exceeding eight (8) ounces in weight, the postage charge is 1½c. for each two (2) ounces or fraction thereof. Seeds, Bulbs, Plants, Roots, Sundries, etc., weighing over eight (8) ounces are sent at zone rates.

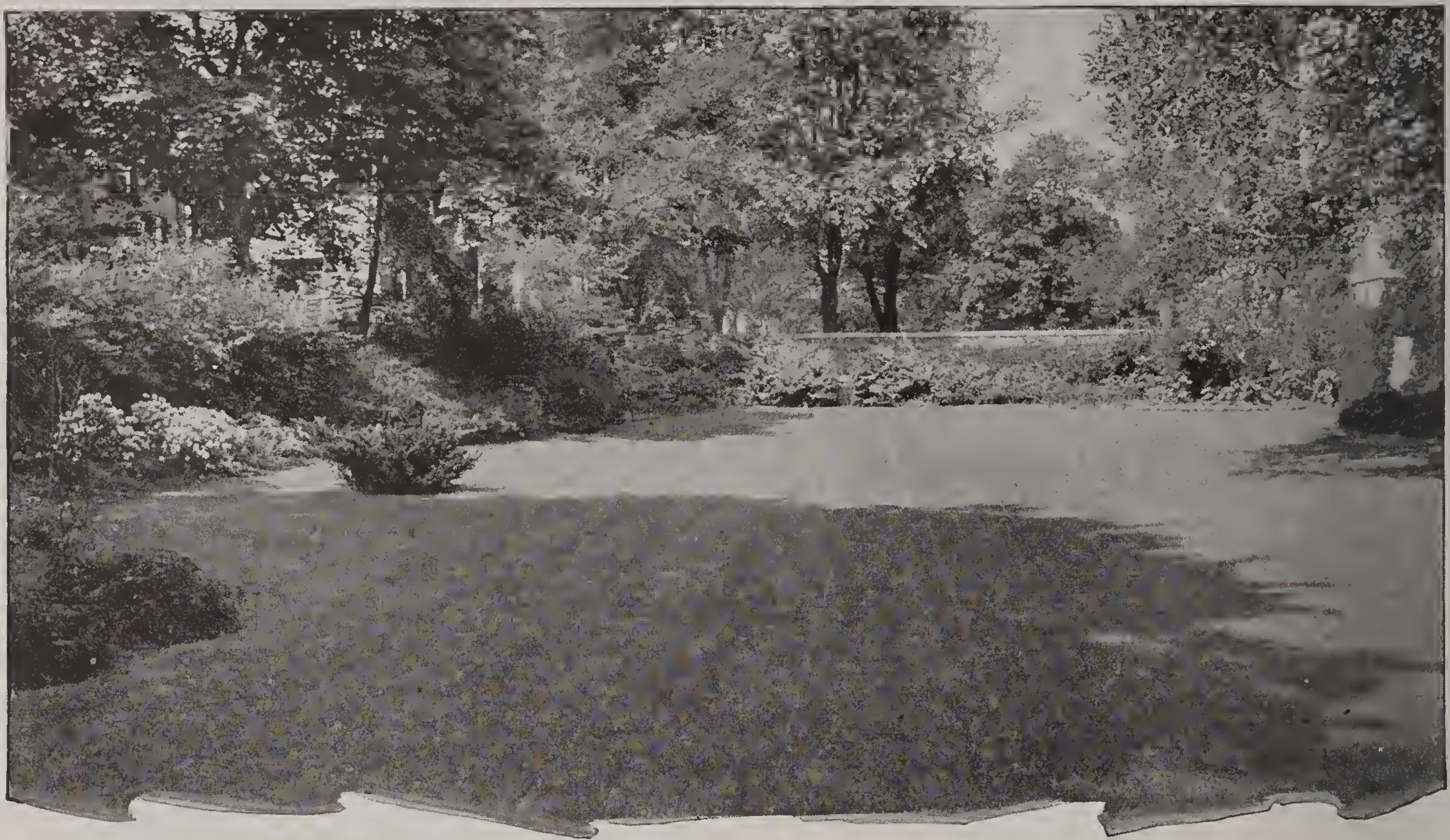
If Special Delivery is wanted, an additional 15c. is required on packages weighing up to two (2) pounds —25c. on packages weighing more than two (2) pounds and up to ten (10) pounds—35c. on packages weighing more than ten (10) pounds, which also includes special handling and transportation as first-class mail.

If remittance accompanies order, a sufficient amount should be included to cover the extra charges—if ordered to be sent by either of the methods as stated above.

PARCEL POST CHARGES QUOTED BY US ARE FOR DELIVERY IN THE UNITED STATES ONLY

Notice to Customers in Canada and Other Countries outside of the United States

In remitting for purchases at the time of ordering, or when paying accounts, by reason of the exchange we ask that you please send Post Office Money Order in United States funds or a check or draft on a New York or Philadelphia Bank in par in United States funds.



MICHELL'S RELIABLE GRASS MIXTURES

ADVANTAGES OF SOWING MIXED GRASS SEEDS

It is a familiar fact that a well-balanced combination of grasses will give better results than a separate variety. Various grasses in mixture will help crowd out weeds. Often a separate variety of seed will not thrive on a certain soil, but where there is a combination of seeds, one or more varieties in the combination will surely thrive, and our formulas are so well blended that they will give very satisfactory results. Liberal and frequent applications are advised, especially on new ground, in order to produce a satisfactory, velvety lawn, which is always much admired.

Quantity to Sow for Lawns. We recommend sowing 1 quart to 100 square feet; 1 peck to 1000 square feet; 1 bushel to 4000 square feet; 6 to 8 bushels per acre on new ground without grass. In renovating established lawns, use half the above quantities.

Send for our booklet, "Lawn Pointers," for further suggestions on the care of your lawn.

"THE FAMOUS FIVE"

Michell's Top-Notch Lawn Seed

A perfectly blended combination of the purest seed most suitable for the establishment of a luxuriant lawn. This formula combines the qualities of quick growth, compactness, and permanence, and is recommended to those who seek the ultimate in a lawn mixture. Bushel weighs 25 pounds. Pk. $3.75; $7.00 per ½bus.; bus. $13.50; $50.00 per 100 lbs.

Michell's Clover Lawn Seed

The increasing demand for a grass seed mixture containing a larger proportion of White Lawn Clover induced us to offer this brand, mixed with a liberal quantity of the best recleaned White Clover, which is particularly suited to take firm hold and grow quickly on hard or worn-out spots which sunburn easily. Excellent for seashore lawns. Bushel weighs 30 pounds. Pt. 35c.; 65c. per qt.; 2 qts. $1.25; $2.25 per 4 qts.; pk. $4.25; $8.25 per ½bus.; $16.00 per bus.; 100 lbs. $50.00.

Michell's Green Velvet Lawn Seed

Where a closely knit turf of lustrous green, velvety appearance is desired, we suggest this combination. It is a perfectly hardy mixture, ideally suited for fine permanent lawns. Bushel weighs 20 pounds. Pt. 25c.; 45c. per qt.; 2 qts. 85c.; $1.50 per 4 qts.; pk. $2.75; $5.25 per ½bus.; bus. $10.00; $47.00 per 100 lbs.

Michell's Evergreen Lawn Seed

Recommended to fill the requirements of the average lawn, this mixture will produce a very desirable turf of fine-bladed, hardy grasses, capable of withstanding considerable wear and periodic dry spells. Bushel weighs 20 pounds. Pt. 20c.; 35c. per qt.; 2 qts. 65c.; $1.25 per 4 qts.; pk. $2.25; $4.00 per ½bus.; bus. $7.50; $36.00 per 100 lbs.

Michell's Fairmount Park Lawn Seed

A mixture meeting the requirements of those desiring a moderately priced grass seed. Bushel weighs 20 pounds. Pt. 15c.; 25c. per qt.; 2 qts. 50c.; 95c. per 4 qts.; pk. $1.75; $3.25 per ½bus.; bus. $6.00; $28.00 per 100 lbs.

ALL PRICES SUBJECT TO MARKET CHANGES

Prices quoted on Mixed Grass Seeds are prepaid in quantities up to one peck to the First and Second Zones; please add 20c. per ½ bus., 30c. per bus. for the above Zones if wanted by Parcel Post; for other Zones, see Parcel Post Table, page 1.

MICHELL'S RELIABLE GRASS MIXTURES

• FOR SPECIAL PURPOSES •

Michell's Shaded Lawn Seed

Shaded locations have often been found difficult to keep in grass. We have combined a mixture of grasses that will produce a perfect sward in the most densely shaded place. It must be borne in mind that too much shade creates sour soil, and to guard against this apply hydrated lime at the rate of 50 pounds to each 1000 square feet. Bushel weighs 20 pounds. Pt. 30c.; 55c. per qt.; 2 qts. 95c.; $1.75 per 4 qts.; pk. $3.00; $5.75 per ½bus.; bus. $11.00; $50.00 per 100 lbs.

Michell's Seashore Lawn Seed

The application of 3 to 4 inches of top-soil and the subsequent sowing of this special mixture will produce an excellent lawn, wonderfully suited to the usual conditions of climate and soil along the Atlantic Coast. This formula has been thoroughly tested at various points on the coast with highly satisfactory results. Bushel weighs 20 pounds. Pt. 25c.; 45c. per qt.; 2 qts. 85c.; $1.50 per 4 qts.; pk. $2.75; $5.25 per ½bus.; bus. $10.00; $47.00 per 100 lbs.

Michell's Superior Bent Grass Mixture

Composed chiefly of the leading varieties of Bent Grass, but containing a sufficient percentage of other hardier fine-bladed grasses to produce a lawn of putting-green texture but which is not as susceptible to disease and attack by insects as pure Bent. We recommend sowing this seed at the rate of 1 pound to 300 square feet. Lb. $1.00; $4.50 per 5 lbs.; 25 lbs. $20.00; $75.00 per 100 lbs.

Michell's Terrace Lawn Seed

It is usually difficult to establish turf on sharp slopes or on terraces. This mixture is composed of deep-rooting varieties particularly adapted to such conditions and will give very satisfactory results. Bushel weighs 20 pounds. Pt. 25c.; 45c. per qt.; 2 qts. 85c.; $1.50 per 4 qts.; pk. $2.75; $5.25 per ½bus.; bus. $10.00; $47.00 per 100 lbs.

Michell's Special Sod Grass Seed

A quick-growing mixture producing a permanent sod somewhat tough and heavy but very satisfactory in appearance. Developed especially for cemetery work and a popular favorite with many of the large burial parks. Bushel weighs 20 pounds. Pt. 25c.; 45c. per qt.; 2 qts. 85c.; $1.50 per 4 qts.; pk. $2.50; $4.75 per ½bus.; bus. $9.00; $44.00 per 100 lbs.

Michell's Southern Evergreen Lawn Seed

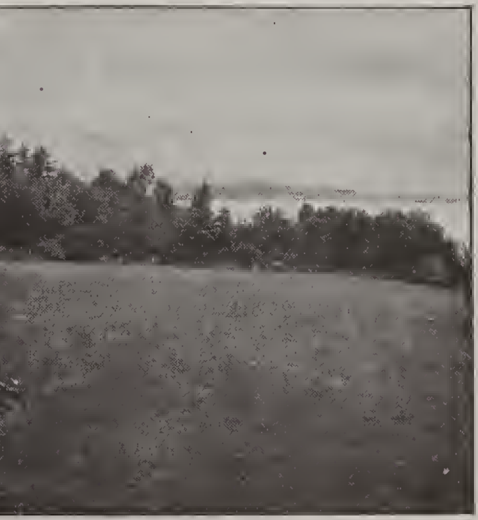
Particularly adapted to the climate and the soil conditions of the South, where the hot, dry seasons make the maintenance of lawns a difficult problem. With proper care this mixture will give wonderful satisfaction. Bushel weighs 20 pounds. Pt. 20c.; 35c. per qt.; 2 qts. 65c.; $1.25 per 4 qts.; pk. $2.25; $4.00 per ½bus.; bus. $7.50; $36.00 per 100 lbs.

Michell's Seed Mixtures for New Jersey

The New Jersey Agricultural Experiment Station has developed four formulas particularly adapted to different soil-conditions within that state. We carry these in stock, and will be pleased to furnish information and prices on request.

Terrace Lawn

Shady Place



Seashore Lawn

YOUR LAWN

The importance of a healthy, well-kept lawn as a setting for the home and a reflection of the refinement within, is a factor very often overlooked. Careful selection of seed is a prime consideration, and since this item represents but a small percentage of the total cost of lawn-building and maintenance, it is essential that you get seed of *proved* quality.

In the matter of grass seed, the user must rely wholly on the *reputation* of the seller. Purity, freedom from weed seeds and useless chaff, as well as vitality and the permanency of the resultant turf—all contribute to the value of a lawn mixture, but none of these points may be determined by the average person until considerable effort, expense, and time have been invested in the lawn. We call your attention to our experience of more than forty years with turf grasses on the finest estates and golf courses in the East. Large volume places us in a position to offer highest quality seed of the latest crop, direct from the most reliable sources, both in this country and abroad. Thorough recleaning by modern methods eliminates to the highest degree, weed seeds and chaff. It is this seed that we offer in our various mixtures or separately.

ALL PRICES SUBJECT TO MARKET CHANGES

GRASS SEED for Recreational Grounds

OUR years of experience with sport turf, whether for the **Golf-Course, Tennis-Court,** or **Athletic Field,** have led to the development of special grass-seed formulas for every purpose. Since different conditions exist as to the soil, topography, degree of moisture, and shade, etc., we suggest that you submit your problem to us in order that the exact conditions can be met. We will be pleased to prescribe a special formula for your particular case, or to mix your own favorite formula from our stock of highly tested separate varieties listed on the opposite page.

The Standard Mixtures listed below are carried in stock, and have been developed for the average conditions in each case. We recommend them for best results except where the conditions are unusual.

MICHELL'S
PUTTING GREEN MIXTURE

A well-blended combination containing the very finest assortment of low-growing, hardy grasses, which will withstand closest mowing. Sow 100 pounds to each 100 square feet. Bushel weighs 25 pounds. Qt. 85c.; $5.50 per pk.; ½bus. $10.00; $20.00 per bus.; 100 lbs., $75.00.

MICHELL'S
FAIRWAY MIXTURE

Composed of grasses that are deep-rooted, wear-resistant, and that give a healthy, even turf. Seed liberally for best results, 175 to 200 pounds per acre. Bushel weighs 20 pounds. Pk. $2.25; $4.25 per ½bus.; bus. $8.50; $38.00 per 100 lbs.

MICHELL'S
TENNIS-COURT MIXTURE

Will produce a turf capable of withstanding hard play, frequent rolling, and close mowing. Sow 1 pound to 150 square feet. Bushel weighs 25 pounds. Pk. $4.25; $8.00 per ½bus.; bus. $16.00; $60.00 per 100 lbs.

MICHELL'S
ATHLETIC FIELD MIXTURE

A formula developed especially for football, baseball, hockey, polo and cricket grounds. We have supplied this mixture for many years to universities and athletic clubs and recommend it as the very best for such purposes. Bushel weighs 20 pounds. Pk. $2.25; $4.25 per ½bus.; bus. $8.00; $38.00 per 100 lbs.

ALL PRICES SUBJECT TO MARKET CHANGES

GRASSES IN SEPARATE VARIETIES

All Strictly Recleaned and Carefully Tested for Purity and Germination

On account of market fluctuations on many varieties of grass seeds, prices on larger quantities than that named will be quoted on request.

Bent Grass, Certified Seaside (*Agrostis maritima*). Very highest quality; certified and sealed in 100-pound bags by the Oregon Department of Agriculture. The true creeping variety of Bent that makes an ideal, perfect putting-green turf. Sow 75 to 100 pounds on a green 100 feet square. Lb. $1.50; $14.00 per 10 lbs.

Bent Grass, Astoria. A native Bent, grown in Oregon. Similar in growth to the Colonial type. Lb. $1.35; $12.50 per 10 lbs.

Bent Grass, N. Z. Colonial (*A. tenuis; A. capillaris*). Imported. A very fine-bladed grass of the velvet type, producing a thick turf. Especially valuable for putting-greens and fine lawns. Bushel weighs 20 pounds. Lb. $1.50; $14.00 per 10 lbs.

Bent Grass, South German. *Imported.* A mixture of creeping and velvet bent types, suitable for greens, lawns, tennis-courts, etc. Sow 100 pounds on a putting-green 100 feet square. Bushel weighs 18 pounds. Lb. $1.50; $14.00 per 10 lbs.

Bermuda Grass (*Cynodon dactylon*). A valuable summer grass for lawns and putting-greens as far north as Washington, D. C., above which latitude it is not satisfactory. Bushel weighs 35 pounds. Lb. 50c.; $4.50 per 10 lbs.

Blue Grass, Kentucky (*Poa pratensis*). *Superfine quality.* The most satisfactory permanent lawn and pasture grass for use in the northern states, improving year after year under proper care. Deep green in color, with narrow leaf-blades. Sow 70 to 85 pounds per acre on lawns, 50 to 70 pounds on pasture fields. Bushel weighs 14 pounds. Lb. 45c.; $4.00 per 10 lbs.

Blue Grass, Canadian (*P. compressa*). Somewhat similar to Kentucky Blue but lighter in color and will thrive on poorer soils and in warmer climates. Highly relished by cattle. Sow in same proportions as Kentucky Blue. Bushel weighs 14 pounds. Lb. 45c.; $4.00 per 10 lbs.

Crested Dog's-tail (*Cynosurus cristatus*). Excellent as a pasture and lawn grass. Sow 80 to 100 pounds per acre. Bushel weighs 21 pounds. Lb. 60c.; $5.50 per 10 lbs.

Fescue, Chewing's New Zealand (*Festuca rubra-fallax*). *Imported.* Produces a compact, fine-bladed turf especially resistant to wear, tolerant of shade and adverse soil-conditions. Excellent for the lawn or putting-green. Bushel weighs 14 pounds. Lb. 60c.; $5.50 per 10 lbs.

Fescue, Fine-leaved (*F. tenuifolia*). This grass is especially valuable for dry soils. Sow 70 to 85 pounds per acre. Bushel weighs 14 pounds. Lb. $1.00; $9.50 per 10 lbs.

Fescue, Hard (*F. duriuscula*). *Imported.* A durable, wiry grass, gray-green in color, suitable for dry, sandy soils. Should always be sown in mixture with other grasses. Sow 80 to 100 pounds per acre. Bushel weighs 14 pounds. Lb. 60c.; $5.50 per 10 lbs.

Fescue, Genuine Red Creeping (*F. rubra*). Excellent for putting-greens; also for sowing on sandy soil and in shaded places. Bushel weighs 14 pounds. Lb. $1.25; $12.00 per 10 lbs.

Fescue, Meadow (*F. pratensis*). A hardy, broad-leaved grass of quick growth, valuable for pasture in lowlands. Sow 100 pounds per acre. Bushel weighs 24 pounds. Lb. 35c.; $3.00 per 10 lbs.

Fescue, Red (*F. rubra*). *European.* Valuable for putting-greens, also for sowing on sandy soil and in shaded places. Bushel weighs 14 pounds. Lb. 60c.; $5.50 per 10 lbs.

Fescue, Sheep's (*F. ovina*). Very similar to Hard Fescue. Sow 80 to 100 pounds per acre. Bushel weighs 14 pounds. Lb. 60c.; $5.50 per 10 lbs.

Orchard Grass (*Dactylis glomerata*). For early pasturing this is very desirable; also fine for sowing in shaded places. Sow 50 pounds per acre. Bushel weighs 14 pounds. Lb. 40c.; $3.50 per 10 lbs.

Red-Top, Fancy Recleaned (*Agrostis alba*). One of the best grasses for immediate effect and as a nurse in lawn mixtures. Fine-bladed if mowed regularly. Adaptable to adverse soil-conditions. Sow 75 pounds per acre. Bushel weighs 32 pounds. Lb. 45c.; $4.00 per 10 lbs.

Rough-stalked Meadow (*Poa trivialis*). *Imported.* An ideal lawn grass for shaded places. Fine, short-growing and dark green in color. Sow 100 pounds per acre. Bushel weighs 14 pounds. Lb. 60c.; $5.50 per 10 lbs.

Rye Grass, Domestic. A quick-growing annual grass, useful where immediate effect is desired. Sow 100 pounds per acre. Bushel weighs 24 pounds. Lb. 20c.; $1.75 per 10 lbs.

Rye Grass, English or **Perennial** (*Lolium perenne*). *Imported.* A deep-rooted, quick-growing grass, valuable as a nurse in mixtures and excellent for pastures and hayfields. Bushel weighs 24 pounds. Lb. 30c.; $2.50 per 10 lbs.

Rye Grass, Pacey's English (*L. perenne Paceyi*). *Imported.* A more dwarf, finer-bladed strain of English Rye Grass, and the best for use in lawn mixtures. Sow 100 to 120 pounds per acre. Bushel weighs 24 pounds. Lb. 35c.; $3.00 per 10 lbs.

Rye Grass, Italian (*L. italicum*). *Imported.* Very desirable for pasture. Comes to maturity the first season. The ideal seed for southern lawns in winter. Sow 100 pounds per acre. Bushel weighs 24 pounds. Lb. 30c.; $2.50 per 10 lbs.

Timothy (*Phleum pratense*). A grass of high value for hay and pastures. Sow 25 pounds per acre alone. Bushel weighs 45 pounds. Lb. 25c.; $1.75 per 10 lbs.

Wood Meadow (*Poa nemoralis*). A good grass for sowing in heavily shaded locations, particularly under trees. Sow 75 to 100 pounds per acre. Bushel weighs 14 pounds. Lb. 90c.; $8.50 per 10 lbs.

WHITE DUTCH LAWN CLOVER

Excellent for sowing with grass on lawns and other places where a thick, quick growth is desired. Especially adapted for seashore lawns. Oz. 10c.; 25c. per ¼lb.; ½lb. 40c.; 75c. per lb.; 5 lbs. $3.50; $6.00 per 10 lbs.; 25 lbs. $14.00; $50.00 per 100 lbs.

If wanted by Parcel Post, add for postage as follows: 10c. for 1 lb.; 15c. for 5 lbs.; 20c. for 10 lbs.; larger quantities by Express or Freight.

GRASS SEED FOR THE FARM

Michell's Permanent Hayfield Grass Seed

We offer a well-balanced combination of grasses which will yield considerably more and better hay per acre than timothy and clover only. Sow 4 to 5 bushels per acre on new land, or 2 bushels on established fields. Bushel weighs 20 pounds. Pk. $2.00; $3.75 per ½bus.; bus. $7.00; $32.00 per 100 lbs.

Michell's Permanent Pasture Grass Seed

The grasses used in this mixture are the most nutritious for grazing and feeding purposes and will thrive under various conditions of soil and climate, assuring a rich turf throughout the entire season, year after year. Sow 4 to 5 bushels per acre on new land, or 2 bushels on established pastures. Bushel weighs 20 pounds. Pk. $2.00; $3.75 per ½bus.; bus. $7.00; $32.00 per 100 lbs.

WILD WHITE CLOVER (Certified Kentish)

A remarkable new Clover in this country for improving pastures. See complete description and prices on page 75.

All Prices Subject to Market Changes

Michell's Novelties and Specialties in Flower Seeds

AGERATUM, Michell's Blue Boy

Extra Dwarf. 1937 Novelty

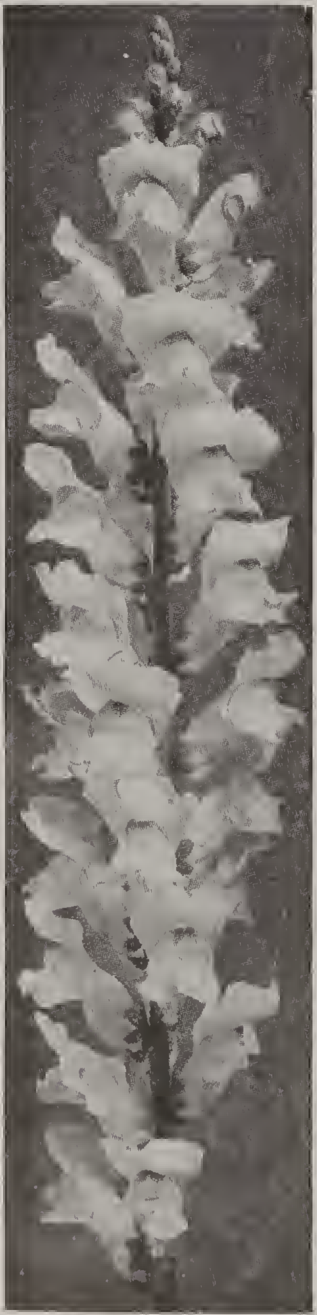
This Michell strain is the result of many years' careful selection. Plants are compact and very dwarf, growing about 4 inches high. The growth is uniform and even, and the plants are almost completely smothered with flowers of the richest shades of blue. Excellent for the border or rock-garden. **Pkt. 25c.; $1.00 per large pkt.; ¼oz. $2.00.**

CELOSIA pyramidalis

Improved Flame of Fire

This new type is, without doubt, the finest in the *Celosia pyramidalis* group. The color of the flowers is a brilliant crimson, and the plants are perfectly pyramidal in shape, 18 inches high. See color illustration opposite page 69. **Pkt. 25c.; 75c. per large pkt.**

Ageratum, Blue Boy



Antirrhinum, Super Majestic

ANTIRRHINUM · Snapdragon

Rustproof Varieties

This strain has proved excellent under intensively wet outdoor conditions. They have stood the tests, and are better than 75 per cent rustproof. For growing outdoors for cutting or bedding, they will prove excellent. Each plant produces from 15 to 18 spikes, which are non-lateral, with flower-heads 10 to 14 inches long. They are of vigorous growth with broad, dark green foliage practically immune from rust.

SUPER MAJESTIC. This new group is superb as a cut-flower or for bedding

Dainty. Delightful soft pink.

Crimson Shades. Garnet and ruby shades.

Orange Shades. Orange and gold shades.

Rose Shades. Shades of rose-pink.

Superb Super Majestic Mixture.

All Super Majestic Antirrhinums, pkt. 25c.; 75c. per large pkt.

NANUM GRANDIFLORUM (SEMI-DWARF)

Carmine-Rose. Light carmine-rose, yellow lip.

Red Boy. Rich deep scarlet.

Indian Girl. Brownish orange and bright yellow.

Wildfire. Orange-scarlet.

Mixed. A superior mixture.

All Antirrhinum nanum grandiflorum, pkt. 15c.; 50c. per large pkt.

Perennial Aster, Wartburg Star

PERENNIAL ASTER

Wartburg Star

A fine new dwarf type of hardy Aster with extra-large lavender-blue flowers on 2-foot stems. Excellent for the perennial border, and quite successful in the rockery. **Pkt. 25c.; 75c. per large pkt.**

CALENDULA, Tom Thumb

Novelty

A new dwarf Calendula, easy to grow, flowering from 4 to 6 weeks after sowing. The height does not exceed 8 to 10 inches and the plants are very compact and symmetrical, completely covered with small flowers 1 to 2 inches across. Range from a light yellow to a deep fiery orange, many with dark centers. Excellent for bedding or border. **Pkt. 25c.**

Michell's Novelties and Specialties in Flower Seeds

PHLOX Drummondi
Art Shades, Mixed
Novelty. All-America Winner

A new strain with flowers 1¼ to 1½ inches in diameter. In addition to its enormous flowers (which in itself would be enough to justify it as a novelty), it has a most wonderful range of color in soft art shades. The colors range as follows: salmon with white eye, deep salmon with cream eye, apple-blossom pink, soft rose with white eye, light blue with white eye, pale violet with white eye, light mauve with cream eye, rose with white eye, and many other pleasing art shades. Plants grow about 9 inches high. See color illustration opposite page 9. Choice mixture only. **Pkt. 25c.; 60c. per large pkt.; oz. $3.00.**

CORNFLOWER, Jubilee Gem
All-America Winner

A dwarf variety of Cornflower, making a compact plant literally covered with flowers. It has foliage distinct from all other Cornflowers, forming a tufted mass of vivid green, contrasting well with the dark but vivid double blue flowers. The plant is about 1 foot in height. **Pkt. 25c.; 50c. per large pkt.; oz. $2.00.**

MYOSOTIS, Lavender Gem. *Novelty*

An entirely new and distinct color in the popular Forget-Me-Not family. Lavender Gem belongs to the Alpestris section, but is of neater and more erect habit than Indigo Blue. It is admirably suited to cutting and bunching, and may be recommended for border work. The color is distinct mid-lavender, a pure tone entirely free from rose or mauve. Under glass its flowers develop an attractive silvery sheen. **Pkt. 25c.**

NASTURTIUM, New Dwarf Double, Scarlet Globe

Pkt. 10c.; 25c. per large pkt.; oz. 75c.

NASTURTIUM, Dwarf Double, Gem Mixture

Semi-double, sweet-scented flowers in an excellent color-range, and containing both light- and dark-flowering plants. Free flowering. **Pkt. 10c.; 40c. per oz.**

LARKSPUR, Giant Imperial
New Varieties

The following new varieties have been added to this group. They are ideal for cut-flowers, with stems 3 to 4 feet long.

White King. All-America Winner. Giant, pure white flowers on long spikes. **Pkt. 25c.; 60c. per large pkt.**

Sweet Lavender. Light lavender-blue. **Pkt. 15c.; 40c. per large pkt.**

GAILLARDIA
Grandiflora, Goblin

This new variety is the first really dwarf, compact Gaillardia, especially suited for the rockery. The neat plants reach a height of 12 to 15 inches, and are closely covered with large, showy ,yellow-bordered, deep red flowers. If seed is sown in March, the plants will flower in the fall of the same year. **Pkt. 25c.; 75c. per large pkt.**

Larkspur, Giant Imperial, White King

Cornflower, Jubilee Gem

Gaillardia grandiflora, Goblin

Michell's Novelties and Specialties in Flower Seeds

Marigold, Sunset Giants

MARIGOLD, Sunset Giants, Mixed

1937 Novelty

A new departure in Marigolds, with the largest flowers ever known in that group, averaging 5 to 7 inches across. Exceptionally free flowering and lack the usual Marigold odor. The plants grow 3½ to 4 feet high. Flowers are loosely formed, with broad, heavy petals, and come in a mixture ranging from deep orange through to light lemon-yellow. This strain comes 60 per cent double. **Pkt. 35c.; $1.25 per large pkt.**

MARIGOLD, Chrysanthemum-flowered Hybrids, Mixed

1937 Novelty

These hybrids consist of many new and distinct types of Marigolds, varying in size from 2 to 4 inches in diameter. Some of these types have petals which are much quilled and incurved, resembling a miniature American Beauty aster. The colors range in all shades of orange and yellow. Plants are about 3 feet high, supporting masses of flowers on fine stems for cutting. **Pkt. 25c.; 75c. per large pkt.**

MARIGOLD, Carnation-flowered, Golden Eagle

1937 Novelty

Closely related to the popular Guinea Gold. Color is a delightful shade of luminous gold. Plants come 100 per cent double, and as a cut-flower this variety is superb. **Pkt. 25c.; 85c. per large pkt.**

PAPAVER nudicaule amurense
Yellow Wonder. *All-America Winner*

This new yellow variety is undoubtedly the finest and largest-flowered Iceland Poppy to date. The bright buttercup-yellow flowers, with lighter centers, are 4 to 6 inches across, and the stems are often more than 2 feet long. Fine for cutting. Plants are of robust habit and free flowering, with as many as 30 different flowers open at one time. Although a perennial, it will flower from seed the first season if sown early. We predict that this Iceland Poppy will prove one of our choicest garden perennials. **Pkt. 25c.; $1.00 per large pkt.**

Lilium philippinense formosanum

LILIUM philippinense formosanum
White Swan

A giant, snow-white, early-flowering Lily of the Philippinense type. This strain bears larger flowers than any other type, and will flower in approximately eight months from seed. **Pkt. 25c.; $1.00 per large pkt.**

Marigold, Dwarf Alldouble, Royal Scot

MARIGOLD
Dwarf Alldouble, Royal Scot

All-America Winner

An excellent new strain of dwarf, bushy growth, every plant of uniform shape, and 10 to 12 inches high. Color, a rich mahogany and gold in uniform stripes. See color illustration opposite page 8. **Pkt. 25c.; 75c. per large pkt.**

ORNAMENTAL FLOWERING KALE

This belongs to the same family as the cabbage or kale, but it is entirely different in appearance. Early in the season the leaves are green, but in the autumn they change to many beautiful colors, ranging from white, cream, pink, rose, and magenta on a dark green ground. **Pkt. 15c.; 40c. per large pkt.**

NEW DWARF FRENCH MARIGOLD
Royal Scot. Pkt. 25c.

NEW COSMOS, Sensation
Pkt. 25c.

A NEW DWARF FRENCH MARIGOLD

Royal Scot

ALL-AMERICA WINNER

Startling in its yellow and dark red markings, as gay as a Tartan plaid, and makes a spot of color that can't be missed. Pkt. 25c.; 75c. per large pkt.

COSMOS, Sensation

Introduced last year and received Award of Merit in the 1936 All-America Selections. Mixed colors, pink and white. Pkt. 25c.; 60c. per large pkt.

DIDISCUS COERULEUS

Blue Lace Flower

Lovely pale lavender flowers on long stems for cutting. Pkt. 10c.; 40c. per large pkt.

MORNING-GLORY

Heavenly Blue

Clark's Mammoth New Early-flowering

Unsurpassed by any Morning-Glory we know. Covers a trellis with hundreds of lovely blue flowers. Pkt. 15c.; 50c. per large pkt.

NICOTIANA

Crimson Bedder

Hundreds of deep rich crimson flowers on dwarf plants. Pkt. 15c.; 50c. per large pkt.

BLUE LACE FLOWER. Pkt. 10c.

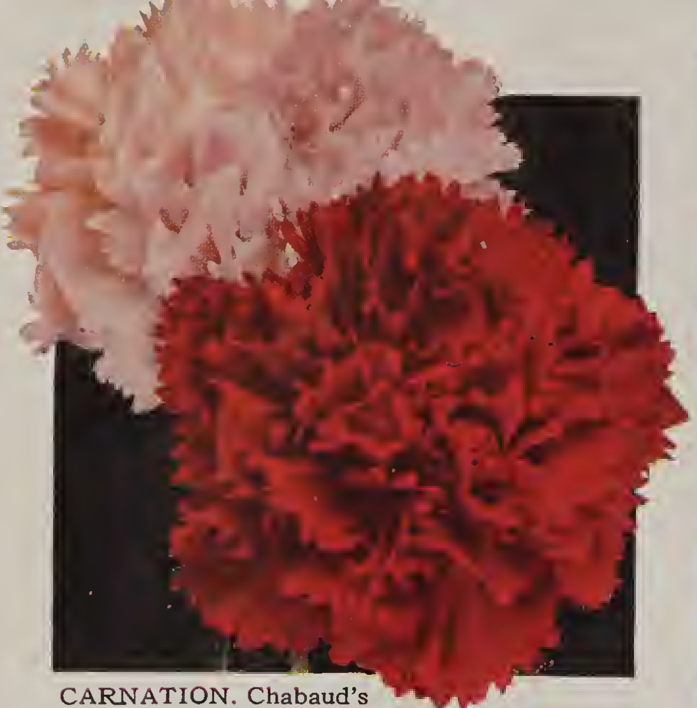
MORNING-GLORY, Heavenly Blue, Clark's Mammoth New Early-flowering. Pkt. 15c.

NICOTIANA, Crimson Bedder. Pkt. 15c.

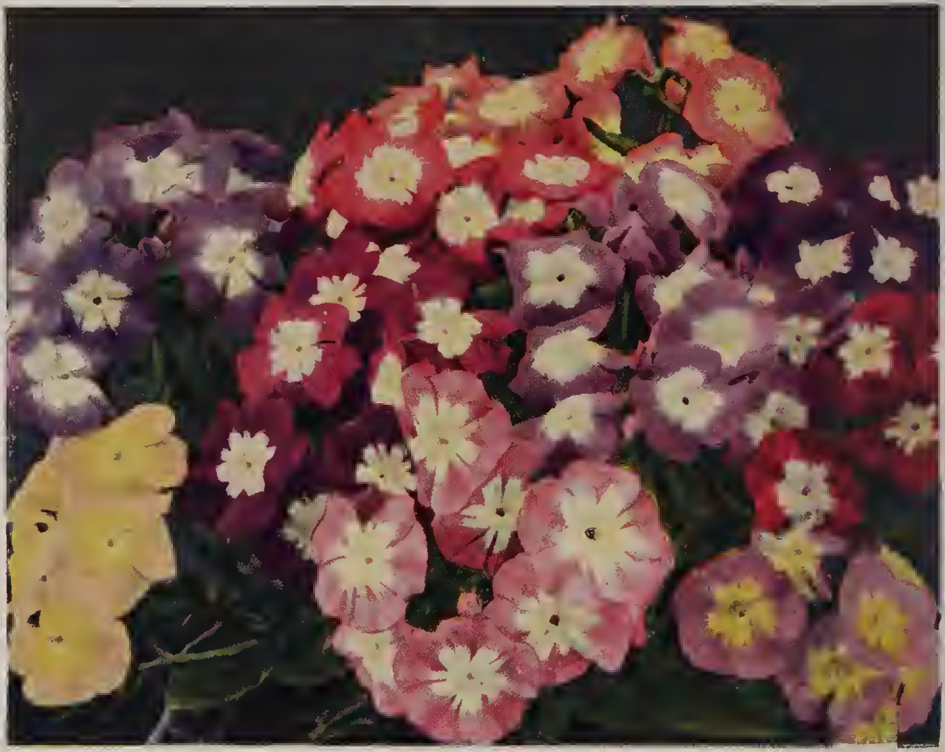
COLLECTION

One pkt. each of the five Novelties illustrated on this page

75c



CARNATION. Chabaud's Giant. Pkt. 15c.



PHLOX, New Gigantea Art Shades. Pkt. 25c.

Words are not needed to tell the value of these five annuals. The pictures present them in a faithful fashion. We highly recommend the quintette.

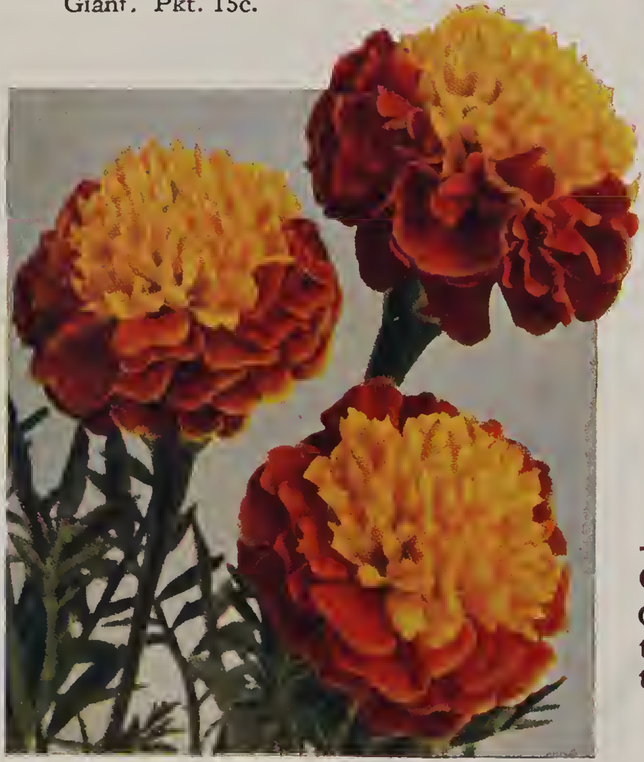
Carnation, Chabaud's Giant. Blooms in five months after sowing seed. Mixed colors, pkt. 15c.; 50c. per large pkt.

Marigold, Harmony. A new dwarf French variety. Extra-fine. Pkt. 15c.; 50c. per large pkt.

Canterbury Bells, Annual. Gold Medal, All-America Selections. Pink, white, blue, in mixture. Pkt. 15c.; 40c. per large pkt.

Phlox, New Gigantea, Art Shades. Award of Merit, All-America Selections. A great collection of colors in mixture only. Pkt. 25c.; 60c. per large pkt.

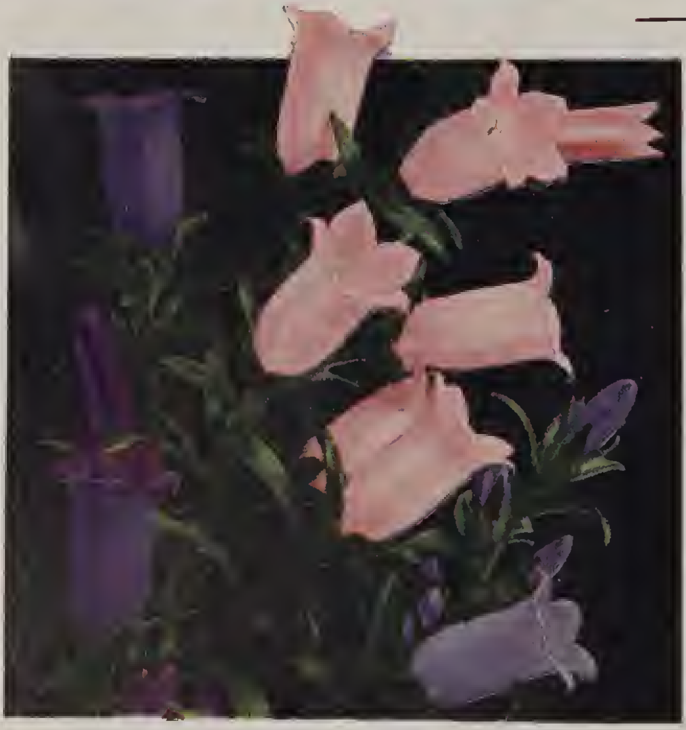
Celosia, Flame of Fire. Looks like a bush aflame. A distinct novelty. Pkt. 25c.; 75c. per large pkt.



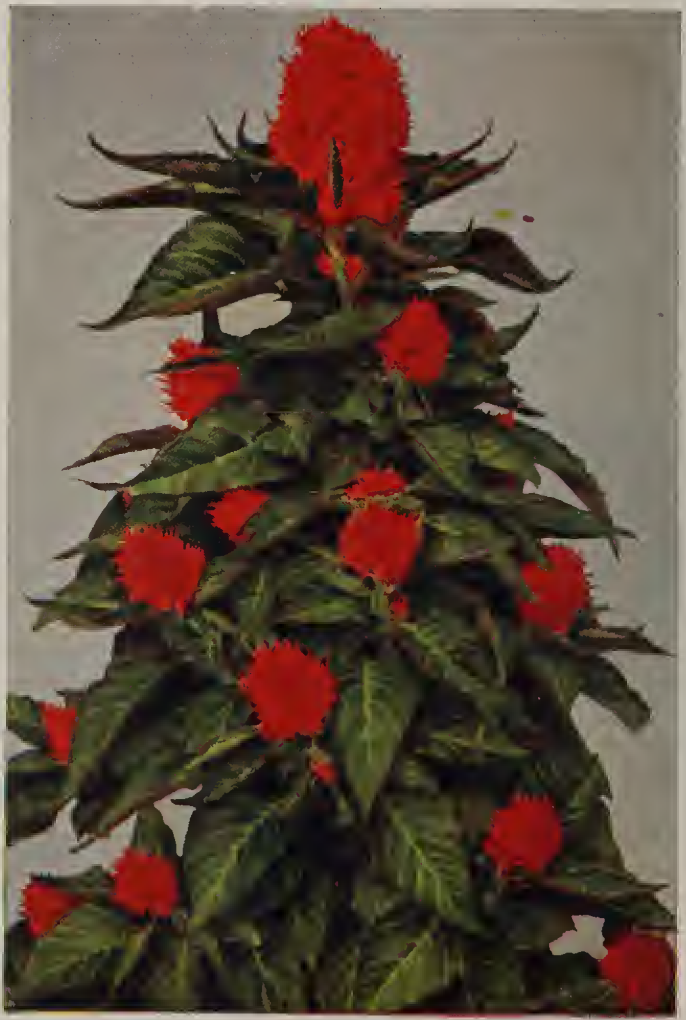
NEW DWARF MARIGOLD, Harmony. Pkt. 15c.

COLLECTION
One pkt. each of
the five Novelties illustrated
on this page

75c



CANTERBURY BELLS, Annual. Pkt. 15c.



NEW CELOSIA, Flame of Fire Pkt. 25c.

Michell's Novelties and Specialties in Flower Seeds

PETUNIA, Alldouble

Victorious, Mixed. All-America Winner. An extra-dwarf giant Petunia which produces 100 per cent double flowers. In habit of growth it is very dwarf and compact, with large, fully double flowers in many brilliant and fancy colorings. Very free flowering. An exceptionally fine type for pot-culture as the plants seldom grow more than 10 inches high.

Amaranth-Red. Bright amaranth-red, a new color in this popular strain of Petunias.

Carmine Queen (World Beauty). An exceptionally fine dwarf type. Flowers very double, beautiful rosy carmine, with other characteristics same as Victorious, Mixed.

Loveliness. Identical in habit to the popular Carmine Queen, with the exception of color, which is a clear La-France-pink. A valuable addition to this group.

White Queen. Pure white, very double flowers, beautifully fringed. Extra dwarf and free flowering.

All Petunia, Alldouble, pkt. 50c.; $1.25 per large pkt.

Michell's Quaker Giant Petunia

PETUNIA

Nana compacta or Miniature

This new, dwarf strain is very bushy and seldom grows more than 10 inches high, making a compact ball-formed plant that is literally covered with small, perfect flowers. Ideal for planting in borders or solid beds, and fine for growing in pots. A really worthwhile florists' specialty.

Adora. Rosy carmine, with white star.

Little Blue Star. Blue, white star.

Rose Gem. Rich deep rose.

Senator Improved. Violet self, white throat.

Snow Bedder. Pure white.

All Petunia nana compacta, pkt. 25c.; 75c. per large pkt.

Pansy, Giant Ruffled Orchid

PANSY

Giant Ruffled Orchid

Flowers of enormous size and exquisitely curled and ruffled. Individual flowers measure 3½ inches across. This strain covers a wide range of soft and bright colors. In coloring and shape the flowers resemble an orchid. **Pkt. 50c.; $1.25 per large pkt.**

(Please Note: The price listed on page 32 is incorrect)

PANSY, Miniature

Mrs. A. H. Scott

A dainty baby Pansy which does not grow more than 3 inches in height. In color the flower is similar to Lord Beaconsfield. Very free flowering. Fine for the rock-garden. **Pkt. 25c.; 75c. per large pkt.**

PETUNIA, Michell's Quaker Giants, Mixed. *1937 Novelty*

Deep-throated, single flowers, well ruffled. Plants of dwarf habit. Excellent for pots. Selected mixture. **Pkt. 50c.; $1.25 per large pkt.**

MESEMBRYANTHEMUM criniflorum · Livingstone Daisy

Plants of slightly spreading habit, literally covered with small flowers in a range of delightful shades. **Pkt. 25c.; 60c. per large pkt.**

Mesembryanthemum (Livingstone Daisies)

Petunia, Giant Alldouble Fringed

Michell's Novelties and Specialties in Flower Seeds

SWEET PEAS, Summer-flowering

Cheerie-O. 1937 *Novelty.* Mammoth, deep begonia-rose flowers, suffused with gold—a new color. Plant is vigorous and free flowering, throwing blooms that are exceptionally large and have perfect Spencer form.

Peggy Ann. A 1937 introduction of great beauty in a rare new shade of attractive salmon-pink that is bewitching under artificial light. The elegant blossoms are delightfully perfumed, and the stems are long, stout, and strong, with four huge blossoms.

All Summer-flowering Sweet Peas, pkt. 25c.; 75c. per ½oz.; oz. $1.25

ZINNIA, Fantasy, Star Dust

All-America Winner

This informal Zinnia will be welcomed with enthusiasm. It has the same shaggy-petaled, medium-sized flowers as the mixture, but the color is a rich deep golden yellow. Plants grow 2½ to 3 feet high. The type is very free flowering and early blooming. This variety will come very true from seed. **Pkt. 25c.; 75c. per large pkt.**

ZINNIA, Lilliput Pastel Shades

In response to popular demand we are pleased to be able now to offer this new mixture, which is composed solely of delicate shades not found in the ordinary mixed type. **Pkt. 15c.; 40c. per large pkt.; oz. $1.25.**

ZINNIA, Lilliput Tom Thumb

A new, dwarf, compact variety, growing 6 to 10 inches high, in a fine range of bright colors. Excellent for potted plants or borders. **Pkt. 25c.; 50c. per large pkt.**

Zinnia, Scabious-flowered, Autumn Tints, Mixed

ZINNIA, Scabious-flowered Autumn Tints, Mixed

This new strain, which has been named Autumn Tints, is perfect in form of flower and comes true. The real beauty, however, is in the lovely color of the flowers, which range through all the gorgeous autumn tints—orange, bronze, russet, dull red, carmine-red, and intermediate shades. Excellent for cut-flowers, having long stems and fine keeping qualities. **Pkt. 25c.; 75c. per large pkt.; ¼oz. $1.00.**

Viola, Normandie

VERBENA hybrida grandiflora, Apple Blossom

The flowers of this Verbena are a delicate cameo-pink, a delightful new color in Verbenas. Individual florets are large, and the flower-heads measure 4 to 5 inches across. See color illustration on second cover. **Pkt. 25c.; 75c. per large pkt.**

VIOLA gracilis, Normandie. *Novelty*

A remarkably handsome variety of the Gracilis type, bearing large, self-colored flowers of a rich burgundy-red-purple. A really attractive new variety which will, we are sure, prove very popular. **Pkt. 25c.**

Here Are Some Helpful Suggestions about Flowers and Plants That Can Be Grown from Seed

Flowering Annuals

These flowers are the most popular of those which bloom for one year only. Those marked * are best for massing in beds and borders.

- Acroclinium
- *Ageratum
- *Alyssum
- Amaranthus
- *Antirrhinum
- *Arctotis
- *Aster, Double
- *Aster, Single
- Balsam
- Begonia
- *Calendula
- *Calliopsis
- *Candytuft
- *Celosia
- *Centaurea
- Chinese Woolflower
- *Chrysanthemum
- Cineraria
- *Clarkia
- *Coreopsis
- *Cornflower
- *Cosmos
- Dahlia
- Daisy
- *Dianthus
- *Dimorphotheca
- *Eschscholtzia
- Feverfew
- *Gaillardia
- *Godetia
- Gomphrena
- Gypsophila
- Helianthus
- Helichrysum
- *Hunnemannia
- *Larkspur
- *Linum
- Lobelia
- *Lupinus
- *Marigold, Dwarf French
- *Marigold, Tall African
- Marvel of Peru
- Mignonette
- Mimulus
- Myosotis
- *Nasturtium
- Nemesia
- Nicotiana
- *Nigella
- *Pansy
- *Petunia
- *Phlox
- Pinks
- *Poppy
- Portulaca
- Rhodanthe
- *Salpiglossis
- *Salvia
- Scabiosa
- Schizanthus
- Sensitive Plant
- Stevia
- *Stocks, Ten-Weeks
- Statice sinuata
- Sunflower
- Sweet Peas
- *Tagetes
- Torenia
- Verbena
- *Zinnia, Large-flowering
- *Zinnia, Small-flowering

Flowering Perennials

The flowers given below will continue to bloom year after year.

- Aconitum
- Anchusa
- Anemone
- Aquilegia
- Aster, Hardy
- Auricula
- Bellis
- Campanula
- Carnation
- Centaurea
- Chrysanthemum
- Coreopsis
- Daisy
- Delphinium
- Digitalis
- Eupatorium
- Gaillardia
- Gypsophila
- Hollyhock
- Lupinus
- Lychnis
- Myosotis
- Pentstemon
- Phlox
- Platycodon
- Polyanthus
- Poppy, Iceland
- Poppy, Oriental
- Pyrethrum
- Salvia
- Scabiosa caucasica
- Shasta Daisy
- Statice
- Sweet William
- Viola
- Wallflower

Varieties for Shaded and Partially Shaded Places

Are you in doubt as to what to put in that shaded spot in your garden? Here is the answer:

- Aquilegia
- Auricula
- Begonia, Tuberous
- Bellis
- Clarkia
- Daisy
- Digitalis
- Godetia
- Kenilworth Ivy
- Lobelia cardinalis
- Mimulus
- Myosotis
- Polyanthus
- Primula
- Viola

Climbing Vines

A climbing vine often lends that cheerful "homey" appearance. Here are some attractive varieties:

ANNUALS

- Balsam Apple
- Cardinal Climber
- Cucumber, Wild
- Cypress Vine
- Humulus
- Ipomœa
- Nasturtium
- Sweet Peas
- Thunbergia

PERENNIALS

- Ampelopsis
- Clematis
- Hop-Vine
- Kudzu Vine (Pueraria)
- Lathyrus

Varieties for Cutting

What should you plant to be sure of flowers for the home and for bouquets for your friends? These are the best varieties for cutting purposes.

- Acroclinium
- Antirrhinum
- Aquilegia
- Arctotis
- Aster, Double
- Aster, Single
- Calendula
- Calliopsis
- Candytuft
- Carnation
- Centaurea
- Chinese Woolflower
- Chrysanthemum
- Coreopsis
- Cornflower
- Cosmos
- Dahlia
- Delphinium
- Feverfew
- Gaillardia
- Gypsophila
- Helianthus
- Hunnemannia
- Larkspur
- Marigold, Dwf. Fr.
- Marigold, Tall Afr.
- Mignonette
- Pentstemon
- Poppies
- Salpiglossis
- Scabiosa
- Shasta Daisy
- Statice
- Stocks, Ten-Weeks
- Sunflower
- Sweet Peas
- Zinnia, Lge.-flwg.
- Zinnia, Sm.-flwg.

Edging and Border Plants

These are the varieties that serve well as borders of a garden bed.

- Ageratum
- Alyssum
- Begonia, Everblooming
- Bellis
- Candytuft, Dwarf
- Centaurea candidissima
- Cineraria maritima
- Daisy
- Dimorphotheca
- Lobelia
- Marigold, French, Legion of Honor
- Myosotis
- Nasturtium, Tom Thumb
- Pansies
- Petunia, Rosy Morn
- Phlox Drummondi
- Polyanthus
- Pyrethrum
- Tagetes signata pumila
- Viola

Fragrant Flowers

Are you looking for fragrance for your garden? These varieties will give it to you.

- Alyssum
- Candytuft
- Carnation
- Centaurea
- Heliotrope
- Lupinus
- Mignonette
- Nicotiana affinis
- Polyanthus
- Scabiosa
- Stocks, Ten-Weeks
- Sweet Peas
- Sweet William
- Violet
- Wallflower

Everlasting Flowers

Here are varieties that are not only for summer blooming but also for use as dried cut-flowers for winter decoration.

- Acroclinium
- Gomphrena
- Gypsophila paniculata
- Helichrysum
- Rhodanthe
- Statice
- Xeranthemum

Ornamental Foliage Plants

Wherever you want a "showy" effect, use these varieties.

- Amaranthus
- Centaurea candidissima
- Cineraria maritima
- Coleus
- Pyrethrum aureum
- Ricinus

Plants for Hanging-Baskets, Porch-Boxes and Urns

Here are suggestions for the porch or indoor garden.

- Alyssum
- Asparagus Sprengeri
- Begonia
- Kenilworth Ivy
- Lobelia
- Maurandia
- Nasturtium
- Petunia
- Smilax
- Thunbergia

Ageratum, Michell's Blue Boy, is a gem you will adore

Michell's "Distinctive" Flower Seeds

FOR NOVELTIES AND SPECIALTIES, **See Pages 6 to 10**

Our Flower Seeds have a reputation for their superior quality and for the excellent results obtained by sowing them. It is our constant endeavor to supply only such varieties and strains as will give the best of satisfaction.

Throughout the following pages of Flower Seeds the different varieties are designated as Annuals, Biennials, Perennials, etc., and for the benefit of those who are not familiar with these terms, we wish to make the following brief explanation:

Annuals. These grow and bloom, mature their seed, and then die in the same year, such as Asters, Balsams, Poppies, Sweet Peas, Morning-Glories, etc., some of which may be sown in the house from March to May, or outdoors, after danger from frost is over.

Biennials. These grow from seed sown during midsummer, flowering the second year, after which they die; many of the varieties bloom the first season if sown early. In this class we have Pansies, English Daisies, Campanula Medium, Dianthus, etc.

Perennials. Those which live from year to year, such as Aquilegia, Delphinium, Foxgloves, etc. Seed may be sown outdoors from June to September, transplanted late in fall into their permanent quarters, and protected during winter with a light litter of straw or leaves. The Hardy Perennials do not usually need any protection after the first winter; the Half-hardy Perennials require protection during the winter; and the Tender Perennials require greenhouse protection during the winter.

A complete index of flower seeds will be found on page 175
Varieties marked ★ are especially suitable for rock-gardens

Abutilon · Flowering Maple

Choice Mixed. Used for bedding out in the summer, also for flowering indoors during the winter. Foliage of maple form. Flowers bell-shaped. 3 ft. Pkt. 10c.; 75c. per large pkt.

Acanthus · Bears Breech

Latifolius. Stately, hardy perennial foliage plant with large, decorative leaves. 3 ft. July, Aug. Pkt. 10c.; 25c. per large pkt.

Achillea · Milfoil; Yarrow

Millefolium rubrum. Bright magenta-red. 3 ft. Pkt. 10c.; 50c. per large pkt.

Ptarmica, The Pearl. Pure white, double flowers in great profusion all summer. Hardy perennial. 2½ ft. Pkt. 10c.; 75c. per large pkt.

Aconitum

Monkshood; Helmet Flower

Hardy perennial thriving best in semi-shady situations. Effective in hardy borders. 3 ft. Aug., Sept.

Fischeri. An improved strain of compact habit, with bright blue flowers. Pkt. 15c.; 75c. per large pkt.

Napellus. Long spikes of blue flowers. Pkt. 10c.; 50c. per large pkt.

Wilsoni. Rich blue flowers. 6 to 7 ft. Pkt. 15c.; 75c. per large pkt.

Ageratum

Acroclinium

See Everlasting Flowers, page 23

Adonis

★Vernalis. Finely cut foliage. Bright yellow flowers. Perennial. 1 ft. Pkt. 10c.; 60c. per large pkt.

Agathaea

Cœlestis. Blue Daisy; Marguerite. Greenhouse perennial, with beautiful blue flowers. 3 ft. Pkt. 10c.; 40c. per large pkt.

Ageratum · Floss Flower

One of the best bedding plants, being literally a mass of bloom from early summer till frost.

MICHELL'S BLUE BOY. *1937 Novelty.* Extra dwarf. This Michell strain is the result of many years' careful selection. Plants are compact and very dwarf, growing about 4 inches high. The growth is uniform and even and the plants are completely smothered with flowers of the richest shades of blue. Excellent for the border or rock-garden. Pkt. 25c.; $1.00 per large pkt.; ¼oz. $2.00.

Blue Cap. A fine, dwarf, very compact variety. Flowers larger than Little Blue Star and deeper in color. Pkt. 15c.; 75c. per large pkt.

★Blue Ball. Dwarf, ball-shaped plants. Very large blue flowers. 6 in. Pkt. 10c.; 30c. per large pkt.

Blue Perfection. Large heads of deep blue flowers produced in abundance. 1 ft. Pkt. 10c.; 25c. per large pkt.

Little Blue Star. Plants densely covered with bright blue flowers. 5 in. Pkt. 15c.; 60c. per large pkt.

Imperial Dwarf Blue. Clear blue. Compact-growing plant. 9 in. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Imperial Dwarf White. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Imperial Dwarf, Mixed. Pkt. 10c.; 25c. per large pkt.; oz. 60c.

Agrostemma · Mullein Pink

Coronaria. Hardy biennial or perennial of easy culture. Silvery foliage and bright crimson flowers. Fine for cutting. 2½ to 3 ft. June–Aug. Pkt. 10c.; 25c. per large pkt.

THE BOOK OF ANNUALS
(*Hottes*)
180 pages. Price, $1.50

Alyssum

One of the most popular garden flowers, remaining in bloom the entire season. Suitable for beds and edging in summer, or for growing in pots and boxes for winter blooming.

Lilac Queen. Dwarf, compact grower. Flowers pure lilac color. 4 in. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Little Gem. Plants dwarf, compact, densely covered with large white flowers. 4 in. Pkt. 10c.; 25c. per large pkt.; oz. 75c.; $2.25 per ¼lb.

★Michell's Bouquet. The dwarf, compact plants bear a perfect bouquet of miniature white flowers. A perfect gem for edging. Pkt. 10c.; 30c. per large pkt.; oz. $1.25.

★Saxatile compactum. Basket of Gold. An ideal hardy perennial plant with showy golden yellow flowers in May. Excellent for rockwork. 1 ft. Pkt. 10c.; 30c. per large pkt.; oz. $1.25.

★Saxatile compactum, Silver Queen. Pale primrose-yellow. Pkt. 15c.; 40c. per large pkt.; oz. $1.25.

Sweet (*A. maritimum*). The well-known, fragrant, white-flowered trailing variety. 6 in. Pkt. 10c.; 30c. per oz.; ¼lb. 90c.

Alyssum, Michell's Bouquet

Our Rustproof Snapdragons are foolproof

Antirrhinum, Super Majestic

Amaranthus

These decorative foliage plants are easily raised from seed, either by starting them early indoors or sowing outdoors in May.

Molten Fire. Summer Poinsettia. Extremely ornamental and the most beautiful of all Amaranthus. Very easily grown from seed. Leaves dark bronze, center poinsettia-red. We offer seed from selected plants only. Pkt. 25c.; 40c. per large pkt.

Sunrise. Foliage bronzy crimson, tipped carmine. Pkt. 10c.; 40c. per large pkt.

Tricolor splendens. Joseph's Coat. Foliage green, variegated crimson and yellow. 2 ft. Pkt. 10c.; 25c. per large pkt.

Mixed. All sorts. Pkt. 10c.; 25c. per large pkt.

Ampelopsis

Boston or Japanese Ivy

Veitchi. Hardy perennial climber with olive-green leaves which turn to scarlet in the autumn. The best climber for covering brick or stone walls. Pkt. 10c.; 25c. per large pkt.; oz. 40c.

Anchusa • Sea Bugloss

Blue Bird. *New.* Dwarf, compact grower. Flowers bright indigo-blue. Pkt. 10c.; 25c. per large pkt.

Capensis. Cape Forget-me-not. A fine blue annual variety, blooming all summer. 1½ ft. Pkt. 10c.; 25c. per large pkt.

Italica, Dropmore. Hardy perennial plant with lovely gentian-blue flowers. 3 to 4 ft. Pkt. 10c.; 25c. per large pkt.

★**Myosotidiflora.** Perennial with small forget-me-not-blue flowers. Fine for the rockery. 15 in. Pkt. 25c.; 75c. per large pkt.

Anemone • Windflower

A dainty spring-flowering perennial, with cup-shaped blossoms. Fine for bouquets.

Coronaria. Mixed colors. 1½ ft. Pkt. 10c.; 30c. per large pkt.

★**Pulsatilla.** Pasque Flower. Violet-lilac. 1 ft. Pkt. 15c.; 75c. per large pkt.

St. Brigid or **Poppy.** Flowers large, semi-double and double, in many colors. 1½ ft. Pkt. 15c.; 50c. per large pkt.

Anthemis • Hardy Marguerite

A handsome, hardy perennial, bearing daisy-like flowers all summer. Excellent for cutting.

★**Montana.** Pure white. 1 ft. Pkt. 10c.; 50c. per large pkt.

Tinctoria Kelwayi. Bright yellow. 2 ft. Pkt. 10c.; 25c. per large pkt.

Antirrhinum • Snapdragon

RUSTPROOF VARIETIES

We are pleased to offer this strain, which has proved excellent under extensively wet outdoor conditions and the flowers are better than 75 per cent rustproof. For growing outdoors, for cutting or bedding, they will prove excellent. 2 to 3 ft.

Each plant produces from 15 to 18 spikes, which are non-lateral, with flower-heads 10 to 14 inches long. They are of vigorous growth, with broad, dark green foliage, and are practically immune from rust.

NEW SUPER MAJESTIC

This new group is superb as a cut-flower or for bedding.

Crimson Shades. Garnet and ruby shades. Pkt. 25c.; 75c. per large pkt.

Dainty. Delightful soft pink. Pkt. 25c.; 75c. per large pkt.

Orange Shades. Orange and gold shades. Pkt. 25c.; 75c. per large pkt.

Rose Shades. Shades of rose and pink. Pkt. 25c.; 75c. per large pkt.

Superb Super Majestic Mixture. Pkt. 25c.; 75c. per large pkt.

MAXIMUM RUSTPROOF VARIETIES

Campfire. A new color in Antirrhinums—pure luminous scarlet, free from orange or bluish tinges. Pkt. 15c.; 50c. per large pkt.

Canary Bird. Brilliant canary-yellow flowers very closely spaced on the stem. Pkt. 15c.; 50c. per large pkt.

Copper King. Burnished copper and gold blotched. Pkt. 25c.; 75c. per large pkt.

Copper Shades. An outstanding variety because of the many orange and copper shades. Pkt. 15c.; 50c. per large pkt.

Crimson. Color pure crimson, overlaying a ground of orange, giving the effect of a fiery crimson. Strong grower with huge individual flowers. Pkt. 15c.; 50c. per large pkt.

Daffodil. Two-tone daffodil-yellow. Pkt. 25c.; 75c. per large pkt.

ANTIRRHINUM, MAXIMUM RUSTPROOF VARIETIES, continued

Indian Summer. Coppery orange and scarlet. Pkt. 25c.; 75c. per large pkt.

Loveliness. A most attractive pure, soft rose-pink. Pkt. 15c.; 50c. per large pkt.

Shasta. Color pure white and the same type flower and habit as Ceylon Court. Very early and free flowering. Pkt. 15c.; 50c. per large pkt.

University of California Mixture. All-America winner. A combination of colors, the result of extensive crosses, making this a really fine mixture. Pkt. 15c.; 40c. per large pkt.

NANUM GRANDIFLORUM

Semi-Dwarf, Rustproof Varieties

Carmine-Rose. Light carmine-rose, yellow lip. Pkt. 15c.; 50c. per large pkt.

Indian Girl. Brownish orange and bright yellow. Pkt. 15c.; 50c. per large pkt.

Red Boy. Bright carmine-rose and yellow. Pkt. 15c.; 50c. per large pkt.

Wildfire. Orange-scarlet, yellow lip. Pkt. 15c.; 50c. per large pkt.

Mixed. A superior mixture. Pkt. 15c.; 50c. per large pkt.

SPECIAL FORCING VARIETIES

Afterglow. Golden bronze. Large pkt. only, 85c.

Bertha Baur. (Schumann.) A new lavender or orchid color; large spikes. Large pkt. only, $1.25.

Captor. Pure white; long spikes. Free bloomer. Large pkt. only, $3.00.

Celestial. (Witterstaetter.) *New.* Early. Deep yellow. Large pkt. only, $2.00.

Ceylon Court. Canary-yellow. Pkt. 25c.; 85c. per large pkt.

Cheviot Maid Supreme. An improvement on Cheviot Maid, deeper in color and longer stems. Large pkt. only, 85c.

Cincinnati. Large, fragrant, light rose-pink blooms. Large pkt. only, $1.25.

Coate's Yellow Perfection. Fine, deep yellow. Medium early. Large pkt. only, 85c.

Daybreak. Strong, vigorous pink sort, identical in shade with Briarcliff rose. Large pkt. only, $3.00.

Helen. Lovely salmon color. Large pkt. only, 85c.

Jennie Schneider. True pink Columbia rose color. Pkt. 25c.; 75c. per large pkt.

Judd's Early Light Pink. Pkt. 25c.; 85c. per large pkt.

Lucky Strike. *New.* The best large-flowering white to date. Stems 3 to 4 feet long. Large pkt. only, 85c.

New Deal. An extra-early, fragrant, rich golden bronze sort. Large pkt. only, $1.25.

Philadelphia Pink. Pure pink. Pkt. 25c.; 75c. per large pkt.

Philadelphia Pink, Original Stock. Large pkt. only, $1.25.

Radiance. A fine large-flowering rose-pink sort. Large pkt. only, $1.25.

Roman Gold. Golden yellow, suffused pink. Pkt. 25c.; $1.00 per large pkt.

Rose Queen. Dark pink. Large pkt. only, 85c.

Sun Tan. Rose and tan color. Large pkt. only, 85c.

Terry's Surprise. Rich rose, shaded bronze. Large pkt. only, $1.25.

White Prosperity. A long-stemmed, clear white variety. Large pkt. only, $2.00.

White Rock. An extra-early pure white sort. Pkt. 25c.; 75c. per large pkt.

Special Forcing, Mixed. Pkt. 25c.; 75c. per large pkt.

HYBRID ROCK-GARDEN VARIETY

★**Mixed.** Early-flowering plants of dwarf, compact growth, especially adapted for growing in rock-gardens. Mixture of choice colors. Pkt. 25c.; 75c. per large pkt.

Varieties marked ★ are especially suitable for rock-gardens

Our Long-Spurred Columbines are really gorgeous

ANTIRRHINUM, NEW IMPROVED EARLY-FLOWERING VARIETIES

Novelties

This new type commences to bloom three weeks earlier than all other varieties and more flowers are in full bloom at one time on a spike. Habit of growth very uniform. 2½ ft.

Improved Brilliant Rose. Rose-pink. Pkt. 15c.; 50c. per large pkt.

Improved Golden King. Bright yellow. Pkt. 15c.; 50c. per large pkt.

Improved Queen Victoria. Pure white. Pkt. 15c.; 50c. per large pkt.

Improved Rose Queen. Soft pink. Pkt. 15c.; 50c. per large pkt.

Improved Scarlet Defiance. Bright scarlet. Pkt. 15c.; 50c. per large pkt.

Improved Choice Mixed. Pkt. 15c.; 50c. per large pkt.

MICHELL'S GIANT TALL VARIETIES

Flowers very large, produced on long spikes and invaluable for cutting. 2½ to 3 ft.

Giant Brilliant Rose. Pkt. 10c.; 30c. per large pkt.

Giant Crimson King. Rich dazzling crimson. Pkt. 10c.; 30c. per large pkt.

Giant Golden King. Fine golden yellow. Pkt. 10c.; 30c. per large pkt.

Giant Harmony. Orange, shaded rose. Pkt. 10c.; 40c. per large pkt.

Giant Othello. Rich dark maroon. Pkt. 10c.; 30c. per large pkt.

Giant Pink Venus. Flesh-pink, white tube. Pkt. 10c.; 30c. per large pkt.

Giant Queen Victoria. Pure white. Pkt. 10c.; 30c. per large pkt.

Giant Mixed. All colors. Pkt. 10c.; 30c. per large pkt.; oz. 90c.

COLLECTION
One pkt. each of 6 colors, our selection, 50c.

SEMI-DWARF VARIETIES

The semi-dwarf sorts grow about 1½ feet high, with large flowers over most of the stem. Excellent for bedding.

Two English All-America Winners

ROYAL ROSE. The deepest and richest rose imaginable, the tone and velvety sheen reminding one of the texture of a rose. The spike is dense with the individual flowers placed close together. Semi-dwarf, compact habit and free flowering. Pkt. 25c.

ST. GEORGE. Color orange-cerise—a distinct new shade. Spike strong and the individual flowers are placed close together. Semi-dwarf habit and free flowering. Pkt. 25c.

Amber Queen. Canary-yellow, overlaid chamois-pink. Pkt. 10c.; 40c. per large pkt.

Bronze Queen. Bronze, shading to orange. Pkt. 10c.; 40c. per large pkt.

Eclipse. Brilliant crimson-red. Pkt. 15c.; 50c. per large pkt.

Fawn. Pink, suffused yellow. Pkt. 10c.; 40c. per large pkt.

Firebrand. Rich deep red. Pkt. 10c.; 40c. per large pkt.

Gloria. Rich deep rose. Pkt. 10c.; 40c. per large pkt.

Golden Queen. Golden yellow. Pkt. 10c.; 40c. per large pkt.

Nelrose. Pure rose-pink. Pkt. 10c.; 40c. per large pkt.

Prima Donna. Apricot-pink. Pkt. 10c.; 40c. per large pkt.

Purity. Pure white. Pkt. 10c.; 40c. per large pkt.

Mixed. All colors. Pkt. 10c.; 30c. per large pkt.; oz. $1.00.

TOM THUMB VARIETY

Mixed Colors. These grow about 1 foot high. Pkt. 10c.; 30c. per large pkt.

Aquilegia • Columbine

These are among the most beautiful of spring and early summer flowers. Very effective when grown in the herbaceous border and in groups among shrubbery. Graceful spurred flowers on stems 2 feet or more above the fern-like foliage.

★**Alpina.** Blue and white. Fine for rock-gardens. 1½ ft. Pkt. 10c.; 50c. per large pkt.

Californica hybrida, Mixed. Principally yellow and orange shades. Long spurs. Pkt. 10c.; 50c. per large pkt.

Canadensis. The scarlet and yellow native species. Pkt. 10c ; 60c. per large pkt.

Chrysantha. Golden-spurred Columbine. Bright golden yellow. Pkt. 10c.; 50c. per large pkt.

Cærulea. Rocky Mountain Columbine. Large, violet-blue and white flowers. Pkt. 10c.; 60c. per large pkt.

Nivea grandiflora. Beautiful large pure white. Pkt. 10c.; 40c. per large pkt.

Rose Queen. Light to dark pink with white center and yellow anthers. Pkt. 15c.; 75c. per large pkt.

Double, Mixed. All colors. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Single, Mixed. All colors. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

SELECT LONG-SPURRED AQUILEGIA

These are unquestionably the finest types of this excellent garden perennial. The plants are of strong, robust growth and very free flowering.

Blue Shades. Pkt. 25c.; 75c. per large pkt.

Orange and Scarlet Shades. Pkt. 25c.; 75c. per large pkt.

Pink and Rose Shades. Pkt. 25c.; 75c. per large pkt.

Snow Queen. Pure white. Pkt. 25c.; 75c. per large pkt.

Mrs. Scott Elliott's Select Strain. Choice mixed. Pkt. 25c.; 85c. per large pkt.

Hybrids. Mixed colors. Pkt. 10c.; 60c. per large pkt.

Arabis • Rock Cress

★**Alpina.** Early spring-flowering perennial especially adapted for edging and rockery. Pure white blossoms. 1 ft. April, May. Pkt. 10c.; 25c. per large pkt.

★**Alpina rosea.** Bright rose. Very dwarf. 8 in. Pkt. 25c.; $1.00 per large pkt.

Arctotis • African Daisy

Grandis. Large, daisy-like flowers; pure white on upper surface, reverse petals lilac. 3 ft. Pkt. 10c.; 25c. per large pkt.

Armeria • Sea Pink; Thrift

Formosa. A pretty hardy perennial for edgings. Deep pink flowers. 2 ft. Pkt. 10c.; 40c. per large pkt.

Formosa, Bees' Ruby. Deep rose. 2 ft. Pkt. 15c.; 75c. per large pkt.

★**Laucheana.** Bright rosy red flowers. Good perennial rock-plant. 6 in. Pkt. 15c.; 60c. per large pkt.

Asclepias • Butterfly Weed

Curassavica. Annual. Orange-red. Pkt. 10c.; 30c. per large pkt.

Tuberosa. Showy perennial. Brilliant orange-scarlet flowers. 2 ft. Pkt. 15c.; 60c. per large pkt.

Aquilegia, Mrs. Scott Elliott's Strain

Asparagus

Plumosus nanus. An excellent plant for house or conservatory decoration, or cutting, on account of its graceful, finely cut foliage. Pkt. 10c.; 75c. per 100 seeds.

Sprengeri. One of the best plants to grow in hanging baskets or window-boxes, vases, etc. Pkt. 10c.; 50c. per 100 seeds.

Asperula • Woodruff

Odorata. A pretty hardy perennial plant, thriving in partial shade. Flowers white. 1 ft. May. Pkt. 10c.; 30c. per large pkt.

Arctotis grandis

FOR NOVELTIES AND SPECIALTIES IN FLOWER SEEDS, SEE PAGES 6 TO 10

Michell's Superb Asters

We can imagine no other flower which combines so much beauty with grace and usefulness, and with which more brilliant effect can be achieved. From July until September the Aster reigns supreme in the garden, not equaled by any other flower. For these obvious reasons we give a great deal of attention to these flowers and are in a position to offer our patrons remarkably fine strains, producing perfect flowers of great beauty. All of the strains we offer are grown under our own supervision by specialists in this country. To have early flowers, sow the seed in the house, hotbed, or coldframe, from March until May; otherwise sow outdoors after danger from frost has passed. To do well, Asters require a well-pulverized soil, always kept open by continuous cultivation.

Special Note.—While this lovely fall flower is very easily grown from seed, the greatest possible care should be exercised with the seed-bed. Old soil and boxes should never be used the second time without thoroughly sterilizing, to avoid the numerous diseases to which Asters are so susceptible. Barnyard manure should never be employed as a fertilizer; we recommend the use of fine-ground bonemeal. On no account should Asters be grown in the same location two years in succession.

Aster,
El Monte

FUSARIUM-WILT RESISTANT STRAINS

We believe the following varieties are practically immune to this disease. We feel sure that by using this seed many disappointments due to crop failures will be eliminated.

NOVELTY ASTERS

Golden Sheaf. The deepest yellow Aster yet introduced and the only one that is wilt-resistant. Flowers are fully double, with an attractive crest-like center, of good substance and fine depth of petal, on long stems. Pkt. 25c.; 60c. per large pkt.

Giant Comet, Salmon Queen. Clear, pure salmon, blending to rich golden salmon at the center. Flowers large, well formed, of the feathery Comet type, on long-stemmed, early-flowering, upright plants. Pkt. 25c.; 60c. per large pkt.

Giant Comet, Blue Flame. Bright navy-blue, distinct from any other blue Aster now offered. Flowers are fully double, with long stems. Fine for cutting. Pkt. 25c.; 60c. per large pkt.

AMERICAN BEAUTY ASTERS

Similar in type of flower and growth to the well-known Late Branching Asters, but differs in that all the large blossoms are produced on much longer and heavier stems.

	Pkt.	Large pkt.
Azure Fairy	$0 15	$0 60
Carmine-Rose	15	60
Crimson	15	60
Purple	15	60
Shell-Pink	15	60
White	15	60
Mixed	15	50

COLLECTION

One pkt. each of above 6 colors, 65c.

American Beauty Aster

BALL'S ASTERS

	Pkt.	Large pkt.
Phlox Pink. Light rose-pink. Early flowering	$0 25	$0 60
Early White	25	60
Late White	25	60

EARLY ROYAL BRANCHING ASTERS

An excellent strain of Early Branching Aster, of the same form and having the same good qualities as the Late Branching variety, but coming into bloom in July or early August.

	Pkt.	Large pkt.
Azure-Blue	$0 15	$0 60
Lavender	15	60
Peach Blossom	15	60
Purple	15	60
Rose-Pink	15	60
White	15	60
Mixed	15	50

COLLECTION

One pkt. each of above 6 colors, 65c.

HEART OF FRANCE

	Pkt.	Large pkt.
Ruby-Red	$0 25	$0 60

CREGO'S GIANT COMET ASTERS

Gigantic flowers, often 5 inches across and with long, stout stems averaging 15 inches in length. The twisted and curled petals give the flower the appearance of a huge chrysanthemum.

	Pkt.	Large pkt.
Crimson	$0 15	$0 60
Deep Rose	15	60
Lavender	15	60
Shell-Pink	15	60
Violet	15	60
White	15	60
Mixed	15	50

COLLECTION

One pkt. each of above 6 colors, 65c.

IMPROVED QUEEN OF THE MARKET ASTERS

Very desirable on account of its earliness and the freedom with which it blooms. Well-formed flowers are produced on 12-inch stems in the greatest profusion early in July.

	Pkt.	Large pkt.
Crimson	$0 15	$0 60
Dark Blue. Purple	15	60
Light Blue. Lavender	15	60
Peach Blossom. Blush-pink.	15	60
Rose-Pink	15	60
White	15	60
Mixed	15	50

COLLECTION

One pkt. each of above 6 colors, 65c.

MICHELL'S IMPROVED SEMPLE'S BRANCHING ASTERS

This is the finest late-blooming Aster. The deep, heavy, incurved flowers are borne on rigid stems, often 2 feet and more in length. Our Improved Strain has been secured after many years of careful selection. An excellent variety for cutting or bedding.

	Pkt.	Large pkt.
Azure-Blue	$0 15	$0 60
Crimson	15	60
Deep Rose	15	60
Lavender	15	60
Peerless Pink	15	60
Purple	15	60
Shell-Pink	15	60
White	15	60
Mixed	15	50

COLLECTION

One pkt. each of 6 colors, our selection, 65c.

Two Novelty Super Giant Asters

A marvelous new Giants of California late type, the largest yet introduced. Flowers very artistic, due to the unusual curling and interlacing of the petals. No disbudding is necessary, due to its non-lateral habit.

EL MONTE. All-America winner. A companion to the sensational Aster, Los Angeles. A deep, glowing crimson, composed of abundant quantities of daintily interlaced, plume-like petals. Flowers are large and fluffy, on heavy, non-lateral basal branched stems. Very early blooming and the only really large-flowered crimson Aster. Pkt. 25c.; 60c. per large pkt.

LOS ANGELES. All-America winner. Color, pure shell-pink. Stems unusually long. Pkt. 25c.; 60c. per large pkt.

Ask for our Cultural Leaflet No. 202 on the growing of Asters

FOR NOVELTIES AND SPECIALTIES IN FLOWER SEEDS, SEE PAGES 6 TO 10

Giant California Sunshine Asters

Asters, Regular Strains

CALIFORNIA GIANT ASTERS

The flowers of this variety are of the Crego type, with the habit of growth and long stems of the Beauty type. Flowers large and stand up well after being cut. Their immense size and beauty, as well as their long stems, make them very attractive.

	Pkt.	Large pkt.
Dark Purple	$0 25	$0 60
Deep Rose	25	60
Light Blue	25	60
Peach Blossom	25	60
White	25	60
Mixed Colors	15	60

COLLECTION
One pkt. each of above 5 colors, $1.00

IMBRICATED POMPON ASTERS

An early-flowering, upright-growing type that reaches a height of 12 to 14 inches and bears numerous small, round cushion-centered flowers. Excellent for pots and cutting.

	Pkt.	Large pkt.
Crimson	$0 25	$0 60
Light Blue	25	60
Rose	25	60
Violet	25	60
White	25	60
Mixed	25	50

NEW GIANT PEONY-FLOWERED ASTERS

This is an exceptionally fine strain with flowers of immense size, very double, and borne on long, stout stems, quite free from laterals. They are good shippers and keep longer after cutting than any other Aster.

	Pkt.	Large pkt.
Azure Fairy. Clear azure-blue.	$0 25	$0 60
Maiden's Blush. Delicate flesh-color	25	60
Purple Robe. Clear purple	25	60
Rosebud. Deep rose	25	60
Swansdown. Pure white	25	60
Mixed	25	60

CREGO'S GIANT COMET ASTER

For description, see page 15

Mixed Colors. Pkt. 10c.; 40c. per large pkt.

EARLY ROYAL BRANCHING ASTER

For description, see page 15

Mixed Colors. Pkt. 10c.; 40c. per large pkt.

SINGLE GIANT CALIFORNIA SUNSHINE ASTERS

This supremely beautiful new race of Asters is the result of a direct cross between California Giant and the Dwarf Sunshine type. The plants grow 3 feet high and bear blossoms 5 to 6 inches across, on long, stiff stems. The dual color-tone effects formed by the quilled discs and encircling guard petals are lovely beyond description; the quilled discs are lighter than the guard petals and as the flowers age the lemon centers turn to the color of the outer petals. We highly recommend this lovely Aster.

	Pkt.	Large pkt.
Lavender	$0 25	$0 60
Rose	25	60
Shell-Pink	25	60
White	25	60
Mixed	25	50

COLLECTION
One pkt. each of above 4 colors, 75c.

PERENNIAL ASTER
Michaelmas Daisy

One of the showiest of our late-flowering, perennial plants with star-like, single flowers. If sown early in spring will flower the first season.

Wartburg Star. Large, lavender-blue flowers on 2-foot stems. Pkt. 25c.; 75c. per large pkt.

Choice Mixed. Many beautiful shades. 3 ft. Pkt. 10c.; 60c. per large pkt.

ASTER ALPINUS

★**Alpinus.** Purple with large yellow center. 1 ft. Pkt. 15c.; 60c. per large pkt.

★**Alpinus albus.** White with large yellow center. 1 ft. Pkt. 15c.; 60c. per large pkt.

Both of the above varieties are excellent for the perennial rock-garden.

MICHELL'S IMPROVED SEMPLE'S BRANCHING ASTER

For description, see page 15

Mixed Colors. Pkt. 10c.; 40c. per large pkt.

QUEEN OF THE MARKET ASTER

For description, see page 15

Mixed Colors. Pkt. 10c.; 40c. per large pkt.

Aubrietia · Rainbow Rock Cress

A dwarf, spring-flowering perennial, growing about 6 inches high. Fine for rockeries.

	Pkt.	Large pkt.
★**Bougainvillei.** Dark blue	$0 15	$0 75
★**Deltoides.** Lavender-blue	15	60
★**Leichtlini.** Rosy purple	15	75
★**New Large-flowering Hybrids, Mixed**	15	75

Auricula · Primula Auricula

★**Choice Mixed.** Beautiful low-growing, early spring-flowering plant. Fine for borders, pot culture, etc. Half-hardy perennial. 6 in. May. Pkt. 10c.; 75c. per large pkt.

Baby's Breath. See Gypsophila, page 24

Bachelor's Button
See Centaurea and Gomphrena, pages 19, 23

Double Balsam · Lady's Slipper

An old and popular garden flower of easy culture. Gorgeous masses of brilliantly colored, double flowers are produced in the greatest profusion. 2 ft.

Camellia-flowered, Choicest Mixed. Pkt. 10c.; 25c. per large pkt.; oz. 60c.

Balloon Vine · Love-in-a-Puff

A rapid-growing annual climber with white flowers, followed by inflated seed-pods. Pkt. 10c.; 25c. per oz.

Balsam Apple · Momordica

Remarkably handsome climbing annuals, bearing ornamental orange-colored fruit. Pkt. 10c.; 25c. per large pkt.; oz. 50c.

Baptisia · False Indigo

Australis. A strong-growing perennial plant 3 feet high. Dark green, deeply cut foliage and spikes of dark blue, pea-shaped flowers in June and July. Pkt. 10c.; 50c. per large pkt.

Bean, Runner

Scarlet. A rapid climber, flowering profusely. Grows 10 to 15 feet high. Pkt. 5c.; 35c. per lb.; 2 lbs. 65c.

Begonia semperflorens

The following varieties are unsurpassed for bedding plants, thriving equally well in partially shaded or sunny locations. As pot-plants for winter flowering, they are superb.

DARLING, Originator's Stock. *Novelty.* This is a novelty from one of the best-known German growers and we cannot recommend it too highly. Plants are ball-shaped, of dwarf habit, growing about 8 inches high. Flowers large and of a brilliant carmine-rose. Most effective for beds and borders and is also well adapted for growing in pots. Pkt. 35c.; $1.00 per large pkt.

GLOW, Originator's Stock. *Novelty.* One of the newer introductions. Flowers dark red. Foliage light bronze. Free bloomer; compact growth. Height about 10 in. Pkt. 25c.; $1.00 per large pkt.

Albert Martin. Bright crimson-scarlet. Dark foliage. Extra-large flowers. Pkt. 25c.; 75c. per large pkt.

Christmas Cheer. Flowers bright crimson-scarlet and produced in immense quantities; fine for Christmas forcing. Pkt. 25c.; 75c. per large pkt.

Erfordia. Delicate pink. One of the choicest. Pkt. 15c.; 75c. per large pkt.

Glory of Erfurt, Improved. Large; rosy carmine. Excellent bedder. Pkt. 25c.; $1.25 per large pkt.

Gustav Knaake. Large-flowering pink, with salmon shadings. Excellent for pot-culture. Pkt. 25c.; 75c. per large pkt.

Salmon Queen. Flowers brilliant salmon-red. Foliage dark green. Pkt. 20c.; 75c. per large pkt.

Vernon. Deep red flowers and bronzy red foliage. Pkt. 20c.; 50c. per large pkt.

Choice Mixed. All colors. Pkt. 25c.; 50c. per large pkt.

Begonias continued on next page

Begonia semperflorens

Try our new Calendulas for distinctive novelty

Begonia gracilis

One of the finest outdoor flowering Begonias. Plants are literally covered with flowers throughout the summer. 1 ft.

Alba. Pure white. Pkt. 15c.; 40c. per large pkt.

Carmine. Bright pink. Green foliage. Pkt. 35c.; $1.25 per large pkt.

Indian Maid. An excellent variety with bright, deep scarlet flowers and dark bronze foliage, an attractive combination. Pkt. 25c.; $1.25 per large pkt.

Luminosa. Brilliant fiery dark scarlet. Pkt. 20c.; 75c. per large pkt.

Prima Donna. Rose, shading to carmine. Pkt. 20c.; 75c. per large pkt.

Rosea. Light pink. Pkt. 20c.; 40c. per large pkt.

White Pearl. Lovely white variety. Pkt. 25c.; 75c. per large pkt.

Begonia, Tuberous-Rooted

These are very popular because they are of easy culture and extremely showy. Thrive in semi-shady situations.

	Pkt.	Large pkt.
Double, Choice Mixed	$0 50	$1 25
Single, Choice Mixed	25	1 25

Bellis perennis. See Daisy, page 21.

Blue Lace Flower. See Didiscus, page 22.

Browallia

A favorite bedding plant, producing beautiful flowers during the summer and autumn months. It also blooms well in the winter if the plants are lifted in the autumn and cut back. 1½ ft.

Elata cærulea. Large, sky-blue flowers. Pkt. 10c.; 30c. per large pkt.

Speciosa major. Flowers large, brilliant ultramarine-blue. Pkt. 20c.; 75c. per large pkt.

Calceolaria

Excellent plants for decorating the greenhouse or conservatory, producing a mass of pocket-like flowers.

Feltham Glory. An attractive variety of fairly dwarf, compact habit in an excellent color-range from bright scarlet to pure yellow, in self and spotted forms. Pkt. 50c.; $1.25 per large pkt.

Calendula, Orange Shaggy

Calceolaria, continued

GOLDEN TIGER. *Novelty.* A new Multiflora nana type. Bright golden yellow flowers, spotted brownish red, produced in masses that completely cover the plant, making it a splendid pot-plant for florists' use. Pkt. 50c.; $1.25 per large pkt.

Kelway's Perfect Model, Originator's Stock. Very beautiful variety of the large-flowering type, containing a fine range of shades and markings, self-spotted, brownish and striped. Pkt. 50c.; $1.25 per large pkt.

Albert Kent Hybrids. A fine English variety for either greenhouse or outdoor culture. Flowers medium in size and produced in large, graceful clusters in an excellent mixture. Pkt. 50c.; 85c. per large pkt.

Hybrida grandiflora, Tall Mixed. Large, self-colored flowers from a choice collection. 1½ ft. Pkt. 25c.; 85c. per large pkt.

Hybrida grandiflora pumila compacta. Dwarf, compact grower, with immense trusses of large, self-colored and spotted flowers. 1 ft. Pkt. 25c.; 85c. per large pkt.

Calendula • Pot Marigold

Free-flowering, showy annuals of easy culture, producing a fine effect in beds or mixed borders; valuable also for pot-culture for winter and spring blooming. 1 ft.

TOM THUMB. *Novelty.* A new dwarf variety easy to grow, flowering in 4 to 6 weeks after sowing. Plants do not exceed 8 to 10 inches in height, are very compact and symmetrical, and completely covered with small flowers 1 to 2 inches across. Colors range from light yellow to deep fiery orange, many with dark centers. An excellent bedding or border plant. Pkt. 25c.

NEW ORANGE SHAGGY. *Novelty.* All-America winner. A distinct break in Calendulas. Petals long and distinctly fringed or laciniated; color, deep orange, shading to slightly lighter orange in center of blooms. Stems long. Pkt. 15c.; 30c. per large pkt.; oz. $1.00.

Chrysantha (Sunshine). All-America winner. A new Calendula, which originated in Australia. The large, double, clear buttercup-yellow flowers bear a striking resemblance to a chrysanthemum. Long stems. Pkt. 15c.; 30c. per large pkt.; oz. $1.00.

Campfire (Sensation). A fine, new brilliant orange variety, with a scarlet sheen and full yellow center. Pkt. 15c.; 60c. per large pkt.; oz. $2.50.

Radio. A distinct new break. Flowers very full, with quilled petals of rich glowing orange. Pkt. 15c.; 30c. per large pkt.; oz. $1.00.

Michell's Special Forcing, Orange. Pkt. 15c.; 50c. per large pkt.; oz. $1.50.

Ball's Apricot. Straw color, with brown center. Pkt. 15c.; 60c. per large pkt.; oz. $2.50.

Ball's Gold. Deep golden yellow. Pkt. 15c.; 60c. per large pkt.; oz. $2.50.

Ball's Lemon Queen. Medium deep yellow, with an attractive dark brown center. Pkt. 15c.; 60c. per large pkt.; oz. $2.50.

Ball's Orange. Bright, glowing orange. Pkt. 15c.; 60c. per large pkt.; oz. $2.50.

Ball's Supreme. Cadmium-orange, dark brown center. Pkt. 25c.; 60c. per large pkt.; oz. $2.50.

Lemon King. Lemon-yellow. Pkt. 10c.; 25c. per large pkt.; oz. 40c.

Orange King. Rich dark orange. Pkt. 10c.; 25c. per large pkt.; oz. 40c.

Pure Gold. Pure golden yellow. Pkt. 10c.; 25c. per large pkt.; oz. 40c.

Mixed Colors. Pkt. 10c.; 30c. per oz.

Coreopsis, Perennial. See page 21.

Annual Calliopsis

Calliopsis

Annual Varieties

Showy and easily grown annuals. Perfect little bushes which are a mass of bloom from early summer until cut down by frost. Excellent for cutting.

Golden Wave (*C. Drummondi*). Large, yellow flowers with dark brown centers. 1 ft. Pkt. 10c.; 25c. per large pkt.; oz. 40c.

Tinctoria splendens. Extra-large golden yellow flowers, brown centers. Pkt. 10c.; 25c. per large pkt.; oz. 50c.

Tall Varieties, Mixed. Pkt. 10c.; 25c. per large pkt.; oz. 50c.

Dwarf Varieties, Mixed. Pkt. 10c.; 25c. per large pkt.; oz. 50c.

Campanula

New Annual Single. NOVELTY

A new variety which blooms from seed in less than six months. Plants grow from 2 to 2½ feet high and each produces from 6 to 8 spikes of bloom.

Wedding Bell. *New Introduction.* Fine large spikes of pure white flowers. Pkt. 15c.; 40c. per large pkt.

Blue Bell. Another new color in Campanulas—a beautiful Cambridge blue shade. The large flowers are borne on long, strong spikes. Pkt. 15c.; 40c. per large pkt.

Mission Bell. This new variety is a beautiful clear pink color. Its fine large spikes of blooms are most attractive. Pkt. 15c.; 40c. per large pkt.

Choice Mixture. Blue, pink, and white shades. Pkt. 15c.; 40c. per large pkt.

Campanula Medium

Canterbury Bell

Showy, hardy biennial, growing about 3 feet high, with large, bell-shaped flowers. Sow from June 1 till September 1 and when strong enough transplant to a distance of 6 inches apart. After frost has set in, protect with leaves and straw. They flower the following summer, after which they die.

	Pkt.	Large pkt.	Oz.
Single Blue	$0 10	$0 25	$0 60
Single Pink	10	25	60
Single White	10	25	60
Single Mixed	10	25	60
Double Blue	10	40	
Double Pink	10	40	
Double White	10	40	
Double Mixed	10	30	1 50

Campanula continued on next page

Have you grown the new Feathered Cockscombs?

Iberis sempervirens (Candytuft)

Campanula Medium calycanthema

Cup-and-Saucer Canterbury Bell

These produce beautiful, large, single flowers resembling a cup and saucer.

	Pkt.	Large pkt.
Blue	$0 10	$0 50
Lilac	10	50
Pink	10	50
White	10	50
Mixed ¼oz. 60c.	10	40

Campanula or Bellflower

Perennial Varieties

Well-known, hardy perennials, bearing a profusion of beautiful bell-shaped flowers. Thrive best in light rich soil.

★**Carpatica Blue.** Carpathian Harebell. Flowers clear blue. Fine for edging. 6 in. Pkt. 10c.; 30c. per large pkt.

★**Carpatica alba.** Pure white. Pkt. 10c.; 30c. per large pkt.

Latifolia macrantha. Handsome, large, purplish blue flowers. 2 ft. Pkt. 10c.; 50c. per large pkt.

Persicifolia grandiflora. Peach Bells. Spikes 4 feet tall; immense blue bell-shaped flowers. Pkt. 15c.; 50c. per large pkt.

Persicifolia grandiflora alba. Pure white. Pkt. 15c.; 50c. per large pkt.

Persicifolia Moerheimi. Semi-double; pure white. 2 ft. Pkt. 25c.; 75c. per large pkt.

Persicifolia, Telham Beauty. Large, china-blue bells. 2½ ft. Pkt. 35c.; $1.00 per large pkt.

Pyramidalis, Mixed. Chimney Bellflower. Perfect pyramids, 5 feet high, with large bell-shaped flowers. Pkt. 10c.; 40c. per large pkt.

Canary-Bird Vine

Tropaeolum canariense

One of the most charming annual climbers, bearing hundreds of pretty, fringed, bright yellow flowers. Good for shade. Pkt. 10c.; 40c. per oz.

Candytuft · Iberis

Dwarf, profuse-flowering garden annuals of easy culture and useful for bedding or borders. Bloom within eight weeks after sowing.

★**Miniature Gem.** A dainty miniature variety, 3½ inches in height, each plant producing from 4 to 6 spikes of pure white flowers. A perfect gem for the rock-garden. Pkt. 15c.; 40c. per large pkt.

Carmine. Pkt. 10c.; 25c. per large pkt.; oz. 60c.

Crimson. Pkt. 10c.; 25c. per large pkt.; oz. 60c.

Empress (Hyacinth-flowered). An excellent variety. Long trusses of white flowers. Pkt. 10c.; 25c. per large pkt.; oz. 50c.

Lavender. Pkt. 10c.; 25c. per large pkt.; oz. 60c.

Candytuft, continued

Michell's Giant White. Immense, pure white spikes of bloom. Fine for forcing under glass for cutting and for pot-culture. Pkt. 10c.; 30c. per large pkt.; oz. $1.00.

Pink. Pkt. 10c.; 25c. per large pkt.; oz. 60c.

Purple. Deep rich purple. Pkt. 10c.; 25c. per large pkt.; oz. 60c.

Rose-Cardinal. Rosy red. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Choice Mixed. All colors. Pkt. 10c.; 25c. per large pkt.; oz. 40c.

★**Gibraltarica.** Perennial. Flowers lilac, shading to white. Pkt. 10c.; 40c. per large pkt.

★**Sempervirens.** Dwarf spring-flowering perennial. Flowers glistening white. Fine for rockeries. 1 ft. May. Pkt. 10c.; 60c. per large pkt.

Canna · Indian Shot

Although generally grown from roots, they may be produced from seed. Scrape or file the edges of seeds and soak in warm water until they show signs of swelling; then sow in sandy loam and place in a hotbed.

Crozy's Dwarf Mixed. From the finest sorts. Pkt. 10c.; 30c. per oz.

Cardinal Climber

Quamoclit hybrida

A rapid grower and free bloomer. Grows to a height of 20 to 30 feet. Leaves dark green and deeply laciniated. Bears a profusion of fiery, cardinal-red flowers. In order to have good germination of the seed, a small notch should be filed or cut in each seed. Pkt. 10c.; 30c. per large pkt.

Carnation

ANNUAL VARIETIES

These are general favorites for their richness of color and delightful fragrance. They are desirable for greenhouse culture in winter as well as for the garden in summer.

Rasse Teicher Strain, Mixed. A new European variety, producing extraordinary large blooms, in a fine range of colors. Excellent for cutting. Choice mixture. Pkt. 25c.; $1.00 per large pkt.

CHABAUD'S GIANT

Blooms in five months after seed is sown and continues to bloom throughout the summer. Flowers of fine substance and usually come 90 per cent double.

Jeanne Dionis. Pure white. Pkt. 15c.; 60c. per large pkt.

Marie Chabaud. Yellow. Pkt. 15c.; 60c. per large pkt.

Sparkler. Brilliant cardinal-red. Pkt. 15c.; 60c. per large pkt.

The Pearl. Beautiful rose-pink. Pkt. 15c.; 60c. per large pkt.

Choice Mixed. Pkt. 15c.; 50c. per large pkt.

MARGUERITE CARNATIONS

These are the most satisfactory of the annual Pinks and will bloom in four months after sowing the seed. The flowers are large, fragrant, and are produced continuously. If slightly protected they will survive an ordinary winter and bloom the following spring.

Choice Mixed. Pkt. 10c.; 40c. per large pkt.; oz. $2.00.

Michell's Popular Collections

Our Selection

No. 1. One pkt. each 6 choice annuals	$0 50
No. 2. One pkt. each 13 choice annuals	1 00
No. 3. One pkt. each 6 choice perennials	50
No. 4. One pkt. each 13 choice perennials	1 00

PERENNIAL CARNATIONS

Grenadin. The Grenadin Carnation is an excellent early-blooming, large-flowering type. Fine for cut-flowers.

Black King. A fine dark red. Pkt. 25c.; 60c. per large pkt.

Cardinal. Brilliant scarlet. Pkt. 25c.; 60c. per large pkt.

Triumph Pink. Pure rose-pink. Pkt. 25c.; 60c. per large pkt.

White. Snow-white. Pkt. 25c.; 60c. per large pkt.

White Gold. Soft yellow. Pkt. 25c.; 60c. per large pkt.

Mixed. Pkt. 25c.; 50c. per large pkt.

Double Border, Mixed. Dwarf. Fine mixture. Pkt. 10c.; 50c. per large pkt.

Early Vienna, Mixed. Large, double flowers. Pkt. 10c.; 50c. per large pkt.

Ask for our Cultural Leaflet No. 213 on the growing of Carnations

Catananche

Cœrulea. Perennial. Blue with dark eye. Excellent for cutting. 2½ ft. Pkt. 10c.; 50c. per large pkt.

Celosia plumosa

Feathered Cockscomb

An excellent decorative plant for the garden. The feathery plumes are produced on long stems and are fine for cutting.

Pyramidalis, Improved Flame of Fire. All-America winner. This new type is, without doubt, the finest in the Pyramidalis group. The flowers are brilliant crimson. Plants perfectly pyramidal in shape. 1½ ft. Pkt. 25c.; 75c. per large pkt.

Lilliput, Fire Feather. An extra-select dwarf strain with brilliant orange-red blooms. Pkt. 25c.; 75c. per large pkt.

Lilliput, Golden Feather. Extra-select, dwarf strain. Color, bright golden yellow. Pkt. 25c.; 75c. per large pkt.

Heatherdell. New Ostrich Plume Cockscomb. A fine new variety with great trusses of feathered and interlaced plumes, in a fine range of red, pink, and yellow shades. Specially adapted for pot-culture. Pkt. 25c.; 75c. per large pkt.

Golden Plume. Bright golden yellow plumes. Pkt. 10c.; 25c. per large pkt.

Pride of Castle Gould, Mixed. Immense flower-heads that closely resemble ostrich plumes. Colors are blood-red, carmine, yellow, orange, golden, orange-scarlet, etc. Pkt. 15c.; 60c. per large pkt.

Scarlet. Pkt. 10c.; 25c. per large pkt.

Choicest Mixed. All colors. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Plumed or Feathered Celosia (*Celosia plumosa*)

VARIETIES MARKED ★ ARE ESPECIALLY SUITABLE FOR ROCK-GARDENS

Try our Perennial Chrysanthemums for some real thrills

Celosia cristata

Crested Cockscomb

Very desirable annuals of easy culture, producing large, brilliant, comb-like heads. Excellent border plants. 1 to 1½ ft.

Giant Empress. Dwarf. Rich crimson. Pkt. 10c.; 50c. per large pkt.

Choice Mixed. Dwarf varieties. Pkt. 10c.; 40c. per large pkt.; oz. $1.50.

Centaurea • Centaurea cyanus

Cornflower; Bachelor's Button

Also known as Blue Bottle, Ragged Sailor, Bluet, etc. An old favorite garden annual. Excellent for cutting. 2 ft.

JUBILEE GEM. *Novelty.* This new dwarf type is very free flowering. Fine for pots or borders. Pkt. 25c.; 50c. per large pkt.; oz. $2.00.

	Pkt.	Large pkt.	Oz.
Double Blue	$0 10	$0 25	$0 60
Double Rose	10	25	60
Double Rosy Red	10	25	60
Double White	10	25	60
Double Mixed	10	25	40

CENTAUREA IMPERIALIS

Giant Cornflower; Sweet Sultan

The finest of all Sweet Sultans for cut-flower purposes. Gigantic, beautiful, sweet-scented flowers borne on long stems. 2 to 3 ft.

	Pkt.	Large pkt.	Oz.
Brilliant Pink	$0 10	$0 30	$0 90
Deep Rose	10	30	90
Lavender	10	30	90
Lilac	10	30	90
Purple	10	30	90
White	10	30	90
Yellow (*C. suaveolens*)	10	30	90
Choice Mixed	10	25	75

COLLECTION

One pkt. each of 6 colors, our selection, 50c.

WHITE-LEAVED CENTAUREA

Dusty Miller

Grown for their silvery foliage and used as edging plants, also for vases, hanging-baskets, etc.

Candidissima. Broad cut leaves of silvery gray. Pkt. 10c.; 50c. per large pkt.

Gymnocarpa. Fine cut silvery gray foliage. Pkt. 10c.; 25c. per large pkt.

Annual Chrysanthemums

VARIOUS CENTAUREAS

Americana. Handsome, large, thistle-like blooms of rosy lavender. 3 ft. Pkt. 10c.; 25c. per large pkt.

Dealbata. Perennial. Rose-colored blooms. 1½ ft. Pkt. 10c.; 50c. per large pkt.

Macrocephala. Perennial. Golden yellow. 3 ft. Pkt. 10c.; 40c. per large pkt.

Montana. Hardy Cornflower. Violet-blue. 2 ft. Pkt. 10c.; 25c. per large pkt.

Cerastium • Snow-in-Summer

★**Tomentosum.** Perennial. Dwarf, white-leaved edging plant with white flowers. 1 ft. Pkt. 10c.; 40c. per large pkt.

Cheiranthus

★**Allioni.** Siberian Wallflower. A biennial, but best treated as an annual. Orange flowers. Pkt. 10c.; 25c. per large pkt.

Linifolius. Alpine Wallflower. Compact plants covered with lilac flowers. Pkt. 10c.; 40c. per large pkt.

Centaurea imperialis

Chelone

This very showy perennial bedding plant blooms from June to August. 4 ft.

Barbatus Torreyi. Brilliant scarlet. Pkt. 10c.; 30c. per large pkt.

Hybrida, Mixed. Various colors. Pkt. 10c.; 30c. per large pkt.

Chinese Woolflower

Celosia Childsi

Very effective for beds and borders; ball-shaped flowers, resembling silky wool; 2½ ft.

	Pkt.	Large pkt.
Crimson	$0 10	$0 40
Pink	10	40

Chrysanthemum

ANNUAL VARIETIES

Exquisitely colored, daisy-like flowers with finely cut foliage. The following single sorts are of easy culture and fine for cutting.

Burridgeanum. White, zoned scarlet and yellow. Pkt. 10c.; 25c. per large pkt.

Purpureum. Deep purple, yellow zone. Pkt. 10c.; 25c. per large pkt.

Eastern Star. Primrose, brown eye. Pkt. 10c.; 25c. per large pkt.

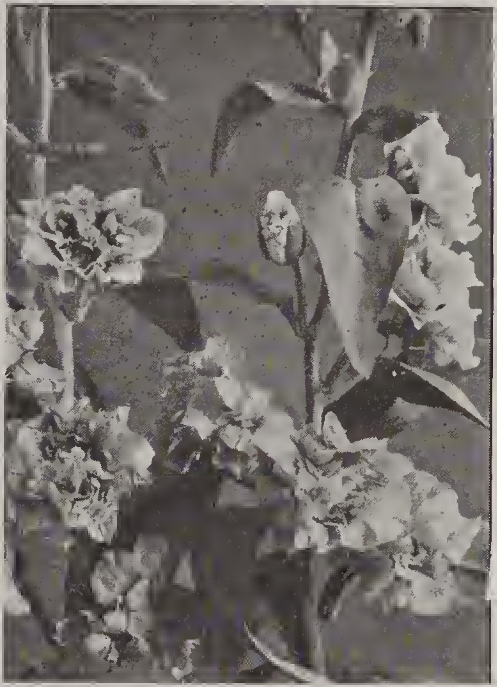
Evening Star. Rich golden yellow. Pkt. 10c.; 25c. per large pkt.

Morning Star. Canary-yellow. Pkt. 10c.; 25c. per large pkt.

Northern Star. Giant white, yellow eye. Pkt. 10c.; 25c. per large pkt.

Single, Mixed. Pkt. 10c.; 25c. per large pkt.; oz. 40c.

Double, Mixed. Pkt. 10c.; 25c. per large pkt.; oz. 40c.



Clarkia

PERENNIAL CHRYSANTHEMUMS

Mawi. Rich pink flowers. Silvery foliage. Ideal for borders or the rockery. 1 ft. Pkt. 25c.; 75c. per large pkt.

Geisha, Mixed. Cascade or Japanese Balcony Chrysanthemum. This lovely variety makes good pot-plants and is also suitable for hanging-baskets and porch-boxes. Masses of single flowers in many delicate shades of pink, rose, yellow, and white. Excellent for cutting. Seed sown in March will flower in September and October. Mixed colors only. Pkt. 25c.; 75c. per large pkt.

Early-flowering Double and Semi-Double, Mixed. A perennial variety which can also be treated as an annual, blooming the first year from seed. Pkt. 25c.; 75c. per large pkt.

Japanese Hybrids, Mixed. Large flowers of the finest single types. An extra-choice mixture. Seed sown in spring will produce flowering plants by fall. 2 ft. Pkt. 15c.; 60c. per large pkt.

King Edward VII. Flowers extra large, pure white. Pkt. 10c.; 30c. per large pkt.

Shasta Daisy, New Giant Double White. *Novelty.* Fine for cutting. Flowers extra large. Pkt. 25c.; 75c. per large pkt.

Shasta Daisy, Alaska. Extra-large flowers of pure glistening white. 2 ft. Pkt. 10c.; 40c. per large pkt.

Clarkia elegans

A popular annual of easy culture and much used for cutting, both indoors and out.

Double, Purple Prince. Rich purple. Pkt. 10c.; 30c. per large pkt.

Double, Salmon Queen. Brilliant salmon. Pkt. 10c.; 30c. per large pkt.

Double, Scarlet Queen. Fiery scarlet. Pkt. 10c.; 30c. per large pkt.

Double, Vesuvius. Orange-scarlet. Pkt. 10c.; 30c. per large pkt.

Double, White. Pkt. 10c.; 30c. per large pkt.

Double, Mixed. All colors. Pkt. 10c.; 25c. per large pkt.

Single, Mixed. All colors. Pkt. 10c.; 25c. per large pkt.

Clematis

Paniculata. Japanese Virgin's Bower. A very popular hardy climber. The white, star-shaped flowers are borne in great masses in September. Sow seed in the autumn and leave outdoors over winter. Pkt. 10c.; 25c. per large pkt.

Sensation and Klondyke Orange Flare Cosmos are outstanding

Cineraria grandiflora Prize

Cineraria

Most ornamental plants for conservatory or house decoration. Seed may be sown from May to September for a succession. Our strains cannot be surpassed. Immense trusses of large flowers.

CREMER'S PRIZE STRAIN

Wilt-Resistant. NOVELTY

This excellent new strain is the result of a cross between Multiflora nana, Hybrida grandiflora, and Stellata. The flowers are larger than Multiflora. Plants very compact in habit, with small leaves. Choice mixed colors. Original large pkts. only, $2.00 each.

MULTIFLORA WEISSENSEER

White Sea

A new variety with flowers almost twice the size of the regular Multiflora strain and in a fine range of blue, rose, and white shades, with each individual flower having a decided white center zone. Plant of dwarf habit. A most attractive pot-plant. *Originator's stock seed only.* Pkt. 50c.; $1.00 per large pkt.

MULTIFLORA GRANDIFLORA MAXIMA

Flowers extra large, measuring 2 to 3 inches in diameter and produce 100 blooms and over to a plant. Mixed colors only. Pkt. 50c.; 85c. per large pkt.

MULTIFLORA NANA

Berlin Market Strain

Very dwarf and compact. Flowers of large size, produced in great profusion and in a range of the best colors and shades.

	Pkt.	Large pkt.
Azure-Blue	$0 50	$0 85
Dark Blue	50	85
Dark Red	50	85
Rose	50	85
Mixed Colors	50	85

GRANDIFLORA PRIZE

Dwarf, Mixed. Pkt. 35c.; 85c. per large pkt.

Medium Tall, Mixed. Pkt. 35c.; 85c. per large pkt.

Stellata hybrida, Mixed. Star Cineraria. Tall. Pkt. 25c.; 75c. per large pkt.

WHITE-LEAVED CINERARIA

Dusty Miller

Maritima candidissima. Silvery green, laciniated foliage. Good for edging. Pkt. 10c.; 25c. per large pkt.

Cleome • Spider Plant

Pungens. An attractive annual plant with curious heads of pink flowers. Pkt. 10c.; 25c. per large pkt.

Cobaea scandens

Cup-and-Saucer Vine

Well-known climber of rapid growth, producing large, bell-shaped blossoms. In sowing, place the seeds edgewise and merely cover with light soil.

		Pkt.	Large pkt.
Purple	Oz. 75c.	$0 10	$0 25
White		10	40

Coleus, Large-leaved Varieties

Popular bedding plants with beautifully colored foliage. Easily grown from seed if kept in a warm temperature.

Rainbow Mixture. An excellent mixture. Pkt. 35c.; $1.00 per large pkt.

Choice Mixed. Pkt. 25c.; 75c. per large pkt.

Convolvulus • Morning-Glory

Major or Tall Varieties

One of the most popular annual climbers, growing about 15 feet in height and thriving in almost any situation.

Japanese Imperial. Flowers of immense size and of a great variety of colors. Pkt. 10c.; 25c. per oz.

Japanese Imperial, Fringed. Large, fringed flowers of many beautiful colors and shades. Pkt. 10c.; 30c. per oz.

Cosmos

One of the most beautiful and useful of hardy annuals, producing large, showy flowers in great profusion. Excellent for cutting.

Sensation. All-America winner. A mammoth early-flowering variety, coming into bloom in about 10 weeks from time of sowing. Color, a vivid orange with attractive light green foliage. Pkt. 25c.; 60c. per large pkt.; ¼oz. $1.00.

DOUBLE EARLY-FLOWERING

This new early-flowering strain will begin blooming in July and continue until frost.

	Pkt.	Large pkt.
Crimson	$0 25	$0 60
Pink	25	60
White	25	60
Mixed	25	50

DOUBLE LATE-FLOWERING CRESTED

These, which are of recent introduction, are becoming more popular each season. Excellent for cutting.

	Pkt.	Large pkt.
Crimson	$0 15	$0 50
Pink Beauty	15	50
White Queen. Pure white	15	50
Mixed	15	40

Klondyke Orange Flare

(Bodger) NOVELTY

All-America Winner

Now at last we may grow a lovely orange-colored Cosmos and be assured of having the flowers before frost. Orange Flare is a strain which is in full bloom in less than four months from sowing. Color, vivid orange, with attractive light green foliage. Pkt. 15c.; 50c. per large pkt.

SINGLE EARLY-FLOWERING COSMOS

This early-flowering strain will commence blooming as early as July and will continue until frost. Flowers large, often measuring 3 inches across.

Extra-Early Express Pink. An extra-early dwarf variety, 2 to 3 feet high. Medium-sized, bright pink flowers. Pkt. 15c.; 30c. per large pkt.

Extra-Early Express, Mixed. Pkt. 15c.; 30c. per large pkt.

Crimson. 4 ft. Pkt. 10c.; 25c. per large pkt.; oz. 60c.

Pink. 4 ft. Pkt. 10c.; 25c. per large pkt.; oz. 60c.

White. 4 ft. Pkt. 10c.; 25c. per large pkt.; oz. 60c.

Mixed. 4 ft. Pkt. 10c.; 25c. per large pkt.; oz. 50c.

SINGLE LATE-FLOWERING

Large flowers of perfect form, on long stems and lasting until frost. 5 to 6 ft.

Giant Crimson. Pkt. 10c.; 25c. per large pkt.; oz. 50c.

Giant Pink (Lady Lenox). Pkt. 10c.; 25c. per large pkt.; oz. 50c.

Giant White (White Lady). Pkt. 10c.; 25c. per large pkt.; oz. 50c.

Giant Mixed. Pkt. 10c.; 25c. per large pkt.; oz. 40c.

Klondyke. Golden yellow flowers. 2 ft. Pkt. 10c.; 30c. per large pkt.; oz. $1.25.

Cosmos, Klondyke Orange Flare

Coreopsis

One of our most popular perennials. The attractive flowers are borne in great profusion and are excellent for cutting.

Lanceolata grandiflora. Single, golden yellow flowers of graceful form. Pkt. 10c.; 25c. per large pkt.; oz. 50c.

Lanceolata grandiflora fl.-pl. Double-flowering Coreopsis. Similar in habit to the above. Flowers double and semi-double. Splendid for cutting. Pkt. 10c.; 30c. per large pkt.; oz. $1.00.

Mayfield Giant. Extra-large flowers. Plants tall and of vigorous growth. Pkt. 10c.; 30c. per large pkt.; oz. $1.00.

Cuphea • Cigar Plant

Platycentra. A pretty, half-hardy perennial. Fine for the border or as a pot-plant. Long, tube-shaped scarlet flowers with black and white lip. Pkt. 25c.; 75c. per large pkt.

Cyclamen

Beautiful winter and spring-flowering plants for the window and greenhouse. Not only are the flowers of striking beauty, but the foliage is also highly ornamental.

Michell's Giant Show, Mixed. Grown for us by a specialist who has received numerous first prizes for the large size and beautiful coloring of the flowers. All colors. Pkt. 40c.; $2.00 per 100 seeds.

Cynoglossum

Chinese Forget-Me-Not

Amabile. An annual of easy culture, producing sprays of intense blue, forget-me-not-like flowers which are very fragrant. 2 ft. Pkt. 10c.; 25c. per large pkt.

Cyperus • Umbrella Plant

Alternifolius. An elegant plant for growing in water or damp places and useful as a pot-plant. Pkt. 10c.; 40c. per large pkt.

Coltness Hybrid Dahlias

Cypress Vine

Ipomoea Quamoclit

Mixed. A very graceful, twining, annual climber, with delicate fern-like foliage. Seed should be soaked for a few hours in warm water before sowing. 15 ft. Pkt. 10c.; 25c. per large pkt.; oz. 40c.

Dahlias from Seed

There is no more fascinating flower to raise from seed than the Dahlia, for the result is a series of surprises.

DOUBLE-FLOWERING

California Giants, Mixed. A selection from named varieties, grown by a celebrated producer in California. Pkt. 50c.; $1.00 per large pkt.

Cactus, Mixed. Choice mixture of the best varieties. Pkt. 10c.; 75c. per large pkt.

Large-flowering, Mixed. (Show Type.) Extra fine. Pkt. 10c.; 75c. per large pkt.

Unwin's Dwarf Hybrids, Mixed. *Novelty.* Miniature, early-flowering, semi-double hybrids, 1½ to 2 feet high, in a wide range of colors. Fine for bedding. Requires no stakes and may be planted 18 to 20 inches apart. Pkt. 25c.; 75c. per large pkt.

SINGLE-FLOWERING

Orchid-flowering or **Starfish, Mixed.** A new type. Semi-dwarf habit of growth. Choice mixture of colors. Pkt. 25c.; 75c. per large pkt.

Coltness, Scarlet Gem. An excellent dwarf bedding type. Plants are covered with bright, single, scarlet flowers. Pkt. 25c.; 75c. per large pkt.

Coltness Hybrids, Mixed. Choice mixed colors. Pkt. 25c.; 60c. per large pkt.

Giant Perfection, Mixed. Immense, single flowers of various colors and shades. Pkt. 10c.; 30c. per large pkt.

Daisy, English Double

Bellis perennis

These are favorite perennials. Seed may be sown any time from spring until August, transplanted in the fall, and protected during the winter, and they will flower the following spring. The Monstrosa varieties surpass all other strains in growth and abundance of extra-large, double flowers.

	Pkt.	Large pkt.
★**Monstrosa, Etna.** Dark red.	$0 25	$0 75
★**Monstrosa, Pink**	25	60
★**Monstrosa, White**	25	60
★**Monstrosa, Mixed**	25	60
★**Double, Mixed.** Extra fine.	10	50

Delphinium

Hardy Perennial Larkspur

One of the finest hardy perennials. Very effective in beds, masses, or borders. To prolong the season of bloom, cut the old flower-stems off after they have faded, and new shoots will produce flower-heads successively.

English Hollyhock, Watkin Samuels' Wrexham Strain. The finest large-flowered type to date. Immense spikes.

- **Art Shades.** Pkt. 50c.; $1.00 per large pkt.
- **Deep Blue Shades.** Pkt. 50c.; $1.00 per large pkt.
- **Light Blue Shades.** Pkt. 50c.; $1.00 per large pkt.

Selected Mixture. Pkt. 50c.; 75c. per large pkt.; ⅛oz. $1.00.

Summer Cloud. An excellent new, pure white type, growing to the same height as the Hybrid Delphiniums. Excellent for cutting. Pkt. 25c.; 75c. per large pkt.

Blackmore & Langdon's Imported Strain, Mixed. A selected English variety. Immense spikes of very large flowers. Choice mixture of colors. Pkt. 25c.; 75c. per large pkt.

Delphinium, Hollyhock Strain

Belladonna, Improved. One of the most continuous-blooming varieties. Immense spikes of clear turquoise-blue flowers. 5 ft. Pkt. 25c.; 60c. per large pkt.

Bellamosum, Improved. A rich, deep blue form of the popular light blue Belladonna. Pkt. 25c.; 60c. per large pkt.

Cardinale. Very large, scarlet flowers. 3 to 4 ft. Pkt. 25c.; 60c. per large pkt.

Grandiflorum, Blue. A dwarf strain with sprays of bright blue flowers. 2 ft. Pkt. 10c.; 30c. per large pkt.; oz. $1.25.

Grandiflorum album. Pure white flowers. Pkt. 10c.; 30c. per large pkt.; oz. $1.25.

Gold Medal Hybrids, Mixed. Produces long spikes of large flowers. An extra-fine strain containing many shades of blue. Pkt. 10c.; 40c. per large pkt.; oz. $1.50.

Blue Butterfly. An annual variety of an exquisite deep blue. Pkt. 15c.; 30c. per large pkt.; oz. $1.25.

White Butterfly. Annual white variety. Pkt. 15c.; 30c. per large pkt.; oz. $1.25.

Do you grow California Poppies? They're glorious

Dianthus, Sweet Wivelsfield

Dianthus • Pinks

Easily raised from seed. Flower abundantly and continuously until frost. Very effective in the garden and for cutting.

SWEET WIVELSFIELD

This annual is a hybrid. Seed started indoors in January and planted out in April will commence to flower in May, blooming profusely all summer in a great variation of colors. Pkt. 15c.; 40c. per large pkt.

DOUBLE ANNUAL

★**Chinensis, Tom Thumb, Brilliant.** Double; scarlet. A beautiful little edging or border plant which should be better known. Perfect gem for the rock-garden. Pkt. 15c.; 60c. per large pkt.

Chinensis, Mixed. China or India Pink. Pkt. 10c.; 25c. per large pkt.; oz. 60c.

Fringed, Mixed. Large flowers. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Japan Pink, Mixed. Choice colors. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

SINGLE ANNUAL

Japan Pink, Mixed. All colors. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

HARDY GARDEN PINKS

★**Allwoodi alpinus.** A perfect gem for the rock-garden. Choice colors. 4 to 6 in. Pkt. 25c.; 75c. per large pkt.

★**Plumarius, Cyclops.** Single Perpetual Grass Pink. Assorted colors with blood-red eye. Pkt. 15c.; 40c. per large pkt.

★**Cæsius.** Cheddar Pink. Produces masses of pink flowers. Fine for rockeries. Pkt. 10c.; 50c. per large pkt.

Clove-scented, Mixed. Double and semi-double varieties in beautiful colors; fragrant. Pkt. 10c.; 50c. per large pkt.

★**Deltoides, Brilliant.** Maiden Pink. Dwarf; brilliant carmine. Pkt. 15c.; 50c. per large pkt.

Double Scotch, Mixed. Choice colors. Pkt. 10c.; 50c. per large pkt.

Latifolius atrococcineus fl.-pl. Ever-blooming Hybrid Sweet William. Free flowering; velvety crimson-scarlet; double. Pkt. 10c.; 30c. per large pkt.

Pheasant's Eye, Mixed. Single, fringed flowers. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

★**Rock-Garden Species.** A special mixture of 25 rare varieties well adapted for rock-gardens. Pkt. 25c.; 75c. per large pkt.

Dictamnus • Gas Plant

Fraxinella. Showy, bushy perennials, 2½ feet high. Purple-red flowers. June, July. Pkt. 10c.; 50c. per large pkt.

Didiscus

Cæruleus. Blue Lace Flower. An easily grown annual which is becoming very popular. The plant grows about 1½ feet high and produces attractive, umbel-shaped flowers of lace-like appearance. Color a delicate azure-blue. Excellent for cutting. Pkt. 10c.; 40c. per large pkt.

Digitalis • Foxglove

Ornamental hardy plants, succeeding almost anywhere. Long spikes of beautiful, tubular-shaped flowers. 4 to 5 ft.

Giant Shirley, Mixed. An excellent giant strain, growing 3 to 5 feet high, with enormous spiked flowers. Pkt. 10c.; 30c. per large pkt.

Gloxiniæflora, Pink. Pkt. 10c.; 30c. per large pkt.; oz. 90c.

Gloxiniæflora, Purple. Pkt. 10c.; 30c. per large pkt.; oz. 90c.

Gloxiniæflora, White. Pkt. 10c.; 30c. per large pkt.; oz. 90c.

Gloxiniæflora, Mixed. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Grandiflora. Light yellow. Pkt. 10c.; 40c. per large pkt.; oz. $1.50.

Monstrosa. Mammoth spikes; various colors. Pkt. 15c.; 30c. per large pkt.; oz. $1.25.

Dimorphotheca

Aurantiaca. African Orange Daisy. One of the showiest garden annuals. Bushy plants with orange-gold, daisy-like blooms on long stems. Pkt. 10c.; 30c. per large pkt.

Aurantiaca hybrids, Mixed. A fine mixture of colors and shades. Pkt. 10c.; 30c. per large pkt.

Dolichos • Hyacinth Bean

Lablab, Mixed. Rapid-growing annual climber bearing a profusion of purple or white bean-like flowers. Excellent for arbors, trellises, etc. Pkt. 10c.; 20c. per oz.

Dracaena

Ornamental plants for vases or conservatory decoration.

Australis. Broad green leaves. Pkt. 10c.; 30c. per large pkt.

Indivisa. Narrow green leaves. Pkt. 10c.; 25c. per large pkt.; oz. 60c.

Echinocystis

Wild Cucumber Vine

Lobata. One of the quickest-growing vines. Excellent for covering trellises, fences, etc. Pkt. 10c.; 30c. per oz.

Echinops • Globe Thistle

Ritro. Hardy perennial, with thistle-like leaves and round heads of steel-blue flowers. 5 ft. Pkt. 10c.; 25c. per large pkt.

Edelweiss • Leontopodium

★**Alpinum.** An excellent perennial rock-plant with silvery white flowers. Pkt. 25c.; 75c. per large pkt.

Erigeron • Fleabane

Speciosus grandiflorus. A summer-flowering perennial plant with large, rosy lilac, aster-like flowers. 2 ft. Pkt. 10c.; 60c. per large pkt.

Erinus

★**Alpinus, Mixed.** A fine spring-blooming perennial rock-plant. Pkt. 25c.; $1.00 per large pkt.

Eryngium • Sea-Holly

A handsome ornamental perennial plant with round heads of flowers which can be cut and dried for winter bouquets.

Amethystinum. Metallic blue flowers. 3 ft. Pkt. 15c.; 60c. per large pkt.

Planum. Pale blue. 4 ft. Pkt. 10c.; 25c. per large pkt.

Eschscholtzia • California Poppy

An elegant, hardy annual with fine-cut foliage and large, Poppy-like flowers from June until frost. Fine for borders or large beds. 1 ft.

Californica. Pure yellow. Pkt. 10c.; 25c. per large pkt.; oz. 40c.

Golden West. Large golden yellow flowers. Pkt. 10c.; 25c. per large pkt.; oz. 40c.

Mauve Beauty. Lavender-mauve. Pkt. 10c.; 30c. per large pkt.; oz. $1.00.

Rose-Cardinal. Carmine-rose. Pkt. 10c.; 25c. per large pkt.; oz. 40c.

Vesuvius. Rich wallflower or coppery red. Pkt. 10c.; 30c. per large pkt.; oz. 90c.

White. Pkt. 10c.; 25c. per large pkt.; oz. 40c.

Choice Mixed. Pkt. 10c.; 25c. per large pkt.; oz. 40c.

COLLECTION

One pkt. each of above 6 varieties, 50c.

Eupatorium

Fraseri. A fine hardy perennial, thriving in almost any situation. Feathery white flowers. Excellent for cutting. 3 ft. Pkt. 10c.; 40c. per large pkt.

Digitalis, Giant Shirley

Everlasting Flowers

These should be grown in every garden, not only for summer blooming, but also as dried cut-flowers for winter decoration.

Acroclinium

Showy, free-flowering annual plants. Excellent for cutting. 1 ft.

	Pkt.	Large pkt.
Double Rose-Pink	$0 10	$0 25
Double, Mixed	10	25

Gomphrena • Globe Amaranth

Also called "Bachelor's Buttons." A showy annual Everlasting.

Globosa. Tall. Purple-red. Fine for cutting. Pkt. 10c.; 25c. per large pkt.; oz. 50c.

Golden Yellow. Pkt. 10c.; 25c. per large pkt.; oz. 60c.

Nana compacta. Dwarf. Red. 1 ft. Pkt. 10c.; 25c. per large pkt.; oz. 50c.

Mixed. All colors. 2 ft. Pkt. 10c.; 25c. per large pkt.; oz. 50c.

Helichrysum monstrosum

Strawflower

One of the best and most popular of the Everlasting Flowers. Large, double blooms. 2 ft.

Buttercup Yellow. Canary-yellow. Pkt. 10c.; 30c. per large pkt.; oz. 90c.

Fireball. Crimson. Pkt. 10c.; 30c. per large pkt.; oz. 90c.

Golden Ball. Golden yellow. Pkt. 10c.; 30c. per large pkt.; oz. 90c.

Rose-Carmine. Pkt. 10c.; 30c. per large pkt.; oz. 90c.

Rose Queen. Immense flowers of a rich deep rose. Pkt. 10c.; 30c. per large pkt.; oz. 90c.

Salmon-Pink. Pkt. 10c.; 30c. per large pkt.; oz. 90c.

Silver Ball. White. Pkt. 10c.; 30c. per large pkt.; oz. 90c.

Violet. Pkt. 10c.; 30c. per large pkt.; oz. 90c.

Choice Mixed. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

COLLECTION

One pkt. each of 6 colors, our selection, 50c.

Rhodanthe

Swan River Everlasting

Mixed Colors. A beautiful annual for the garden or for pot-culture. 1 ft. Pkt. 10c.; 25c. per large pkt.

Xeranthemum • Immortelle

Double, Mixed. Showy annual, producing a profusion of flowers. Pkt. 10c.; 25c. per large pkt.

Gaillardia grandiflora, Goblin

Euphorbia

Annual plants suitable for beds of tall-growing plants or mixed borders. Showy ornamental foliage. 2 to 3 ft.

Heterophylla. Mexican Fire-Plant. Glossy green leaves turning to orange-scarlet in midseason. Pkt. 10c.; 25c. per large pkt.

Variegata. Snow-on-the-Mountain. Foliage veined and margined with white. Pkt. 10c.; 25c. per large pkt.; oz. 50c.

Exacum

Affine. Fragrant, light blue flowers. Plants very dwarf. Excellent for pots and baskets. Pkt. 50c.; $1.25 per large pkt.

Fern-Spores

The following are not hardy and are suitable only for house or greenhouse culture.

Adiantum, Mixed. Maidenhair Fern. Pkt. 15c.; $1.00 per large pkt.

Pteris Varieties, Mixed. Pkt. 15c.; $1.00 per large pkt.

All Sorts Mixed. Choice collection. Pkt. 15c.; $1.00 per large pkt.

We can also furnish all other good varieties of Fern-Spores.

Gomphrena

Gaillardia • Blanket Flower

ANNUAL VARIETIES

Lovely showy annuals for beds or borders. Excellent for cutting. Blooms continuously from early summer until November. 15 to 18 in.

Indian Chief. Single; brilliant bronzy red. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Double Annual, Mixed (*G. picta Lorenziana*). Pkt. 10c.; 25c. per large pkt.; oz. 60c.

Single Annual, Mixed (*G. picta*). Pkt. 10c.; 25c. per large pkt.; oz. 60c.

PERENNIAL VARIETIES

One of the most showy hardy perennials, blooming the first year from seed if sown early. 2 ft.

Grandiflora, Goblin. A new, dwarf, compact variety especially suited for the rock-garden. The plants attain a height of 12 to 15 inches and are covered with large, showy, deep red flowers. Pkt. 25c.; 75c. per large pkt.

Grandiflora, Burgundy. Bright copper-red blooms on long stems. Very free flowering. Comes 60 to 80 per cent true from seed. Pkt. 25c.; 60c. per large pkt.

Grandiflora, Portola Hybrids. Flowers of immense size, ranging through shades of bronzy red with golden tipped petals. Pkt. 15c.; 40c. per large pkt.

Grandiflora, Tangerine. Giant orange flowers, overlaid with red. Pkt. 25c.; 50c. per large pkt.

Grandiflora, Semi-Double, Mixed. Pkt. 10c.; 30c. per large pkt.

Grandiflora superba, Mixed. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Helichrysum

Gentiana • Blue Gentian

★**Acaulis.** Dwarf, hardy perennial. Deep blue flowers. Suited to moist, shady situations. Pkt. 10c.; 75c. per large pkt.

Geranium

Apple-scented. Highly esteemed on account of its fern-like fragrant foliage. 1 ft. Pkt. 10c.; 75c. per 100 seeds.

Pelargonium. Lady Washington Geranium. Seed saved from the largest-flowered show varieties. Pkt. 25c.; $3.50 per 100 seeds.

Zonale, Mixed. A superb strain of the largest and finest varieties. 1 to 2 ft. Pkt. 10c.; 60c. per large pkt.

Gerbera • Transvaal Daisy

Jamesoni Hybrids, Mixed. Excellent greenhouse perennials with large, fine-leaved, daisy-like flowers. These hybrids include a wonderful range of brilliant colors and shades. Fine for pot-plants or cutting. Pkt. 25c.; 60c. per 100 seeds.

Geum

Beautiful, hardy perennials bearing large, showy, double flowers all through the summer. Fine for bouquets. 1½ ft.

Atrosanguineum fl.-pl. Dark crimson. Pkt. 10c.; 50c. per large pkt.

Borisi. Brilliant scarlet, with neat tops of evergreen foliage. 16 in. Pkt. 25c.; 75c. per large pkt.

Lady Stratheden. Golden yellow. Pkt. 25c.; 60c. per large pkt.

Mrs. Bradshaw. Brilliant scarlet. Pkt. 15c.; 60c. per large pkt.

Gilia

Capitata. A very graceful annual, growing about 2 feet high. Lavender-blue flowers. Excellent for cutting. Pkt. 10c.; 25c. per large pkt.

Gloxinia

Hybrida grandiflora. Excellent greenhouse plants with flowers of the richest colors. Our seed is saved from selected plants of a collection grown by a celebrated German specialist. Pkt. 25c.; 85c. per large pkt.

Godetia • Satin Flower

Beautiful and easily grown annuals producing a profusion of flowers of satiny texture.

Azaleaflora. Dwarf. Double; bright carmine colors. Excellent for pot-culture and can really be called a miniature Azalea. Pkt. 15c.; 40c. per large pkt.

Choice Mixed. All colors. Pkt. 10c.; 25c. per large pkt.

Gomphrena • Globe Amaranth

See Everlastings, in first column

Gourds, Green Snake

Gypsophila elegans alba grandiflora

Hibiscus

Gourd, Ornamental

Rapid-growing, interesting annual climbers with ornamental foliage and singular-shaped fruit. 15 to 20 ft.

GREEN SNAKE. *New.* A new strain of the Luffa or Dishcloth. The fruits will grow to a length of over 10 feet if the vines are twined on a lofty trellis. Pkt. 10c.; 30c. per large pkt.; oz. $1.00.

Large Sorts, Mixed. Pkt. 10c.; 25c. per large pkt.; oz. 40c.

Small Sorts, Mixed. Pkt. 10c.; 25c. per large pkt.; oz. 40c.

Grasses, Ornamental

These are very interesting and useful, for growing either in clumps, mixed borders, or in shrubberies. Also when dried they are fine for winter bouquets and decorations, for which purpose they should be gathered before fully matured.

COIX

Lacryma-Jobi. Job's-Tears. Annual. A strong, broad-leaved ornamental grass with large, shining, pearly seeds. 2 to 3 ft. Pkt. 10c.; 20c. per oz.

PENNISETUM

Longistylum. Annual. Graceful, greenish white plumes. Fine for bordering beds. 2 ft. Pkt. 10c.; 25c. per large pkt.

Ruppelianum. Purple Fountain Grass. Annual. Excellent as an edging to beds of tall plants. Purple plumes. 2 ft. Pkt. 10c.; 25c. per large pkt.

Grevillea • Silk Oak

Robusta. A beautiful and graceful decorative plant with fern-like foliage. Excellent for table decoration. Pkt. 10c.; 40c. per large pkt.; oz. $1.00.

Gypsophila • Baby's Breath

Pretty, free-flowering plants of easy culture. Excellent for cutting to mix with other flowers. 2 ft.

Elegans alba grandiflora. True Paris Market Strain. A fine annual variety. Delicate sprays of pure white flowers. Pkt. 10c.; 25c. per oz.

Elegans carminea. Bright carmine-rose. Pkt. 10c.; 30c. per oz.

Elegans rosea. Pink. Pkt. 10c.; 30c. per oz.

Oldhamiana. Hardy type. Bright pink, fragrant flowers. Pkt. 10c.; 50c. per large pkt.

Paniculata. Hardy perennial variety with white flowers in graceful sprays. Pkt. 10c.; 25c. per large pkt.; oz. 60c.

Paniculata fl.-pl. Perennial, with a profusion of double white flowers coming 30 to 40 per cent true. Pkt. 20c.; 75c. per large pkt.

★Repens. A pretty dwarf, trailing perennial plant for the rockery. Tiny white flowers. Pkt. 10c.; 40c. per large pkt.

★Repens rosea. Pinkish white flowers. Pkt. 10c.; 50c. per large pkt.

Helenium • Sneezewort

Autumnale superbum. Hardy perennial with large heads of golden yellow flowers in late summer and autumn. 3 ft. Pkt. 20c.; 75c. per large pkt.

Helianthemum

Rock, or Sun Rose

★Mutabile, Mixed. A very pretty perennial for the rockery, completely covered with masses of bloom from May to June. Choice mixed varieties. 8 in. Pkt. 15c.; 40c. per large pkt.

Heliopsis • Orange Sunflower

A handsome hardy perennial. Excellent for cutting.

Scabra zinniæflora. Semi-double; yellow. 3 ft. Pkt. 10c.; 40c. per large pkt.

Soleil d'Or. Double; golden yellow. 5 ft. Pkt. 10c.; 30c. per large pkt.

Heliotrope

A well-known and highly prized plant because of the delightful fragrance of the flowers. Excellent for pots or for bedding. 1½ ft.

Lemoine's Giant, Mixed. Produces very large heads of flowers. Pkt. 15c.; 50c. per large pkt.

Regal, Mixed. Of dwarf, compact growth. Immense flowers. All shades. Pkt. 15c.; 60c. per large pkt.

Choice Mixed. Pkt. 10c.; 40c. per large pkt.

Helleborus

Niger. Christmas Rose. Perennial. Seed germinates slowly. 15 in. Pkt. 10c.; 40c. per large pkt.

Heuchera

Coral-Bells; Alum-Root

A fine hardy perennial and excellent for cutting.

Brizoides. Bright rose-color. 2½ ft. Pkt. 15c.; 75c. per large pkt.

Sanguinea. Vivid crimson flowers. 1 ft. Pkt. 15c.; 75c. per large pkt.

Hibiscus • Marshmallow

A very showy perennial, growing 4 feet high. Flowers of enormous size, often 10 to 12 inches in diameter.

	Pkt.	Large pkt.
Giant Dark Red	$0 10	$0 25
Giant Pink	10	25
Giant White	10	25
Giant Choice Mixed	10	25

Hollyhock

A popular and desirable perennial succeeding best in rich, well-drained soil. Excellent for planting among shrubbery or forming a background for other flowers. Seed sown any time before midsummer will produce fine plants for blooming the following summer. 6 to 7 ft.

Triumph, Mixed. *New.* An excellent type of branching habit, 4 to 5 feet high, and flowering 10 days earlier than the regular type. Pkt. 25c.; 60c. per large pkt.

Chater's Double Maroon. Pkt. 10c.; 50c. per large pkt.; oz. $2.00.

Chater's Double Newport Pink. Pure pink. Pkt. 10c.; 50c. per large pkt.; oz. $2.25.

Chater's Double Pink. Pkt. 10c.; 50c. per large pkt.; oz. $2.00.

Chater's Double Red. Pkt. 10c.; 50c. per large pkt.; oz. $2.00.

Chater's Double Salmon. Pkt. 10c.; 50c. per large pkt.; oz. $2.00.

Chater's Double White. Pkt 10c.; 50c. per large pkt.; oz. $2.00.

Chater's Double Yellow. Pkt. 10c.; 50c. per large pkt.; oz. $2.00.

Chater's Double Mixed. Pkt. 10c.; 40c. per large pkt.; oz. $1.50.

ANNUAL EVERBLOOMING HOLLYHOCK

While these are also hardy perennial varieties, if seed is sown in the house in March or April, they will bloom the first season.

Double Everblooming, Mixed. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

SINGLE HOLLYHOCK

	Pkt.	Large pkt.	Oz.
Mixed Colors	$0 10	$0 25	$0 75

VARIETIES MARKED ★ ARE ESPECIALLY SUITABLE FOR ROCK-GARDENS

Honesty • Lunaria; Moonwort

Biennis alba. Hardy biennial admired for its silvery seed-pods. Beautiful and curious. 2 ft. Pkt. 10c.; 25c. per large pkt.

Humulus • Japanese Hop

Japonicus variegatus. A rapid-growing annual climber with leaves beautifully mottled and splashed silvery white, light and dark green. Excellent for covering verandas, trellises, etc. Pkt. 10c.; 25c. per large pkt.; oz. $1.00.

Hunnemannia

Giant Yellow Tulip Poppy

Seed sown outdoors in May produces large quantities of giant, tulip-like flowers during latter part of July and continuing for the rest of the season. 1 ft.

Sunlite. All-America winner. Semi-double; bright canary-yellow. Gray-green foliage. Pkt. 15c.; 40c. per large pkt.

Fumariæfolia. Giant yellow variety. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Impatiens

A charming plant for house and conservatory decorations, flowering profusely and almost continuously.

Holsti. Flowers large, vermilion-red. Pkt. 20c.; 75c. per large pkt.

Holsti, New Hybrids, Mixed. Choice mixed colors. Pkt. 15c.; 75c. per large pkt.

Sultani. Bright rose. Pkt. 15c.; 75c. per large pkt.

Sultani Hybrids, Mixed. Various colors. Pkt. 15c.; 75c. per large pkt.

Incarvillea

Delavayi. Hardy Gloxinia. Perennial. A good plant for the hardy border. Masses of showy gloxinia-like flowers. Should be protected over the winter. 2 ft. Pkt. 25c.; 75c. per large pkt.

Ipomoea

Clark's New Early Improved Heavenly Blue Morning-Glory. See color plate opposite page 8. Pkt. 15c.; 50c. per large pkt.; oz. $1.25.

Rose Marie. *New.* Double; deep rose. Early and free flowering. Pkt. 10c.; 30c. per large pkt.; oz. $1.00.

Noctiflora. Moonflower. At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers. Pkt. 10c.; 25c. per large pkt.; oz. 50c.

Setosa. Brazilian Morning-Glory. Large leaves and bright rose-colored flowers. Pkt. 10c.; 25c. per large pkt.; oz. 50c.

Job's-Tears. See Grasses, page 24.

Kale

Ornamental Flowering. This belongs to the same family as the cabbage or Kale, but it is entirely different in appearance. In the early season, the leaves are green but in the autumn they change to many beautiful colors which range from white, cream, pink, rose, and magenta on a dark green ground. Pkt. 15c.; 40c. per large pkt.

Kenilworth Ivy. See Linaria, page 26.

Kochia • Summer Cypress

Childsi. An easily grown annual which forms a cypress-like hedge with feathery green foliage that turns to a deep red color at the approach of autumn. Pkt. 10c.; 25c. per large pkt.; oz. 40c.

Larkspur, Annual

Plants are of easy culture. Seed sown early in spring will produce blooming plants by July. Fern-like foliage and slender spikes with double rosette flowers. Fine for cutting or garden decoration.

GIANT IMPERIAL

Identical in branching habit with Giant Imperial Stock-flowered. Very double flowers. Plants of strong growth.

WHITE KING. *1937 Novelty.* All-America winner. Giant, pure white flowers on long spikes. Pkt. 25c.; 60c. per large pkt.

Sweet Lavender. Light lavender-blue. Pkt. 15c.; 40c. per large pkt.

Blue Bell. *New.* All-America winner. Clear light blue. Pkt. 15c.; 40c. per large pkt.

Blue Spire. An intense deep Oxford-blue. Pkt. 15c.; 40c. per large pkt.

Carmine King. Rich carmine. Pkt. 15c.; 40c. per large pkt.

Exquisite Rose. A beautiful shade of rose-pink. Pkt. 15c.; 40c. per large pkt.

Gloria. *New.* Fine deep rose. Pkt. 15c.; 40c. per large pkt.

Lilac Queen. *New.* Rich lilac, shading lavender-blue. Pkt. 15c.; 40c. per large pkt.

Lilac Spire. Bright lilac. Pkt. 15c.; 40c. per large pkt.

Los Angeles. Rich salmon overlaid with brilliant rose. Pkt. 15c.; 40c. per large pkt.

White Spire. A dazzling pure white. Pkt. 15c.; 40c. per large pkt.

Choice Mixed. Pkt. 15c.; 30c. per large pkt.

TALL DOUBLE STOCK-FLOWERED

Plants branch freely, bearing long spikes of beautiful double flowers. 2½ ft.

Exquisite Pink. An extra-fine variety with blooms of a beautiful soft pink shade. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Dark Blue. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Lilac. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Lustrous Carmine. Newport pink. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Shell-Pink. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Sky-Blue. Pkt. 10c.; 25c. large pkt.; oz. 75c.

White. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Mixed. All colors. Pkt. 10c.; 25c. per large pkt.; oz. 60c.

IMPROVED GIANT HYACINTH-FLOWERED

These grow about 4 feet high and are especially adapted for growing under glass.

	Pkt.	Large pkt.	Oz.
Dark Blue	$0 10	$0 30	$1 00
Lilac	10	30	1 00
Pink	10	30	1 00
White	10	30	1 00
Mixed	10	25	75

SINGLE TALL-BRANCHING

	Pkt.	Large pkt.
Mixed. All colors	$0 10	$0 25

Lathyrus latifolius

Everlasting or Perennial Pea

Showy, hardy perennial climber for covering walls, stumps, fences, etc. Free flowering. Excellent for cutting. 6 to 8 ft.

Crimson. Brilliant. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Pink Beauty. Bright rosy pink. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

White. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Choice Mixed. All colors. Pkt. 10c.; 25c. per large pkt.; oz. 60c.

Lavatera • Annual Mallow

Rosea splendens. Bright rose-pink. 3 ft. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Lavender • Lavandula vera

Well-known hardy perennial, bearing long spikes of fragrant blue flowers. 1½ ft. Pkt. 10c.; 30c. per large pkt.; oz. $1.00.

Larkspur, Giant Imperial

Hunnemannia, Sunlite

Clark's New Early Improved Ipomœa

Lilies are easy to grow from seed

Lilium philippinense formosanum, White Swan

Lupin (Lupinus)

Leptosyne

One of the quickest-growing annuals, blooming in 5 weeks after sowing the seed. Excellent for cutting.

Maritima. Large, lemon-yellow, Marguerite-like flowers. 3 ft. Pkt. 10c.; 30c. per large pkt.

Stillmani. Golden yellow. 1½ ft. Pkt. 10c.; 30c. per large pkt.

Liatris · Blazing Star

Pycnostachya. A showy hardy perennial border plant with long spikes of violet-purple flowers. 4 ft. Pkt. 15c.; 40c. per large pkt.

Scariosa. An improved strain, with larger flowers and more spreading habit than the above. Color, clear rose-purple. Pkt. 15c.; 60c. per large pkt.

Linaria · Toadflax

★**Alpina.** Perennial. Purple, blotched orange. 4 in. Pkt. 25c.; 75c. per large pkt.

★**Cymbalaria.** Kenilworth Ivy. A perennial trailing plant with violet flowers. Useful for baskets, vases, pots, and rock-work. Pkt. 10c.; 50c. per large pkt.

Maroccana Hybrids, Mixed. A very showy annual. 1 ft. Pkt. 10c.; 25c. per large pkt.

Linum · Flax

Flavum. Perennial. Yellow Flax. 2 ft. Pkt. 15c.; 60c. per large pkt.

Grandiflorum rubrum. Annual. Large-flowered scarlet Flax. 16 in. Pkt. 10c.; 25c. per large pkt.

Perenne. Hardy perennial variety with bright blue flowers. 1½ ft. Pkt. 10c.; 25c. per large pkt.; oz. 60c.

Lilium · Lily

Philippinense formosanum, White Swan. A new, giant, snow-white, early-flowering Lily of the Philippinense formosanum type. This strain bears larger flowers than any other type, and will flower in approximately 8 months from seed. Pkt. 25c.; $1.00 per large pkt.

Philippinense formosanum. Resembles an Easter Lily. Will bloom in 6 to 8 months from time seed is sown. 3 ft. Pkt. 15c.; 50c. per large pkt.

Regale (*L. regale*). Perfectly hardy and also excellent for forcing. Flowers waxy white; fragrant. Pkt. 15c.; 30c. per large pkt.

Lobelia

No garden is complete without an edging of blue Lobelia, and for a long season of bloom there is nothing that can take its place; also desirable for pots, hanging-baskets, etc.

Sutton's Cambridge Blue. *New.* Large, light-blue flowers. Dwarf, compact growth. Pkt. 25c.; 75c. per large pkt.

Michell's Blue Stone. An excellent dwarf variety of compact growth. Plants are completely covered with large, bright blue flowers. Fine for borders or boxes. Pkt. 20c.; 75c. per large pkt.

Crystal Palace Compacta. Very compact. Deep blue. The best for edging. Pkt. 10c.; 60c. per large pkt.

Crystal Palace Speciosa. Of trailing habit. Deep ultramarine-blue. Fine for vases. Pkt. 10c.; 40c. per large pkt.

Sapphire. A beautiful trailing variety of strong growth. The flowers are unusually large; deep blue, with large, clearly defined white eye. Pkt. 20c.; 75c. per large pkt.

Mixed. All colors. Pkt. 10c.; 40c. per large pkt.

Cardinalis. Cardinal Flower. Hardy perennial, with long spikes of cardinal-red flowers. Pkt. 10c.; 75c. per large pkt.

Lupinus · Lupin

NEW HARTWEGI GIANTS or KING

A new and improved strain that grows from 3 to 4 feet high, with the base-branching habit. Each plant produces from 4 to 6 spikes of bloom which are much larger than the old type.

King Blue. Enormous spikes of rich Oxford-blue color. Pkt. 15c.; 40c. per large pkt.

King Sky-Blue. Clear light blue. Pkt. 15c ; 40c. per large pkt.

King White. Glistening pure white. Giant spikes. Pkt. 15c.; 40c. per large pkt.

Choice Mixture. Pkt. 10c.; 30c. per large pkt.

	Pkt.	Large pkt.	Oz.
Rich Blue..........	$0 10	$0 25	$0 40
Pink...............	10	25	40
Sky-Blue..........	10	25	40
White..............	10	25	40
Mixed. All colors....	10	25	40

PERENNIAL VARIETIES

Hardy perennials of easy culture. Graceful spikes of pea-shaped flowers, fine for cutting. May, June. 2 to 3 ft.

Polyphyllus, Salmon Queen. This beautiful new variety is a strain of salmon shades, coming fairly true. Pkt. 25c.; 50c. per large pkt.

Polyphyllus, Blue. Pkt. 10c.; 25c. per large pkt.

Polyphyllus luteus. Yellow shades. Pkt. 15c.; 40c. per large pkt.

Polyphyllus Moerheimi. Pink and white. Pkt. 15c.; 30c. per large pkt.

Polyphyllus roseus. Pink. Pkt. 10c.; 25c. per large pkt.

Polyphyllus albus. White. Pkt. 10c.; 25c. per large pkt.

Polyphyllus Mixed. Pkt. 10c.; 25c. per large pkt.; oz. 40c.

Polyphyllus, New Hybrids, Mixed. Pkt. 10c.; 30c. per large pkt.; oz. $1.00.

VARIETIES MARKED ★ ARE ESPECIALLY SUITABLE FOR ROCK-GARDENS

The New Giant Hybrid Marigolds are grand cut-flowers

Lychnis

Elegant hardy perennials of easy culture, for massing in large beds or borders.

Arkwrighti. Excellent hybrids. Free flowering. Pkt. 10c.; 40c. per large pkt.

Chalcedonica. Rose Campion. Fine, scarlet, cross-like flowers. July. 2 ft. Pkt. 10c.; 25c. per large pkt.; oz. 60c.

Haageana, Mixed. Large, brilliant orange, scarlet, pink, and crimson flowers. July. 1 ft. Pkt. 10c.; 50c. per large pkt.

★**Viscaria splendens.** Very showy. Bright rose-red. Fine for the rockery. 1 ft. Pkt. 10c.; 30c. per large pkt.

Lythrum · Loosestrife

Roseum superbum. A fine hardy perennial, producing spikes of rosy pink flowers from July to September. 3 ft. Pkt. 10c.; 30c. per large pkt.

Marigold · Tagetes

These are old, favorite, free-flowering annuals with rich, showy flowers all summer. The Tall African varieties are well adapted for large beds or mixed borders, while the Dwarf French varieties are better suited for bedding purposes.

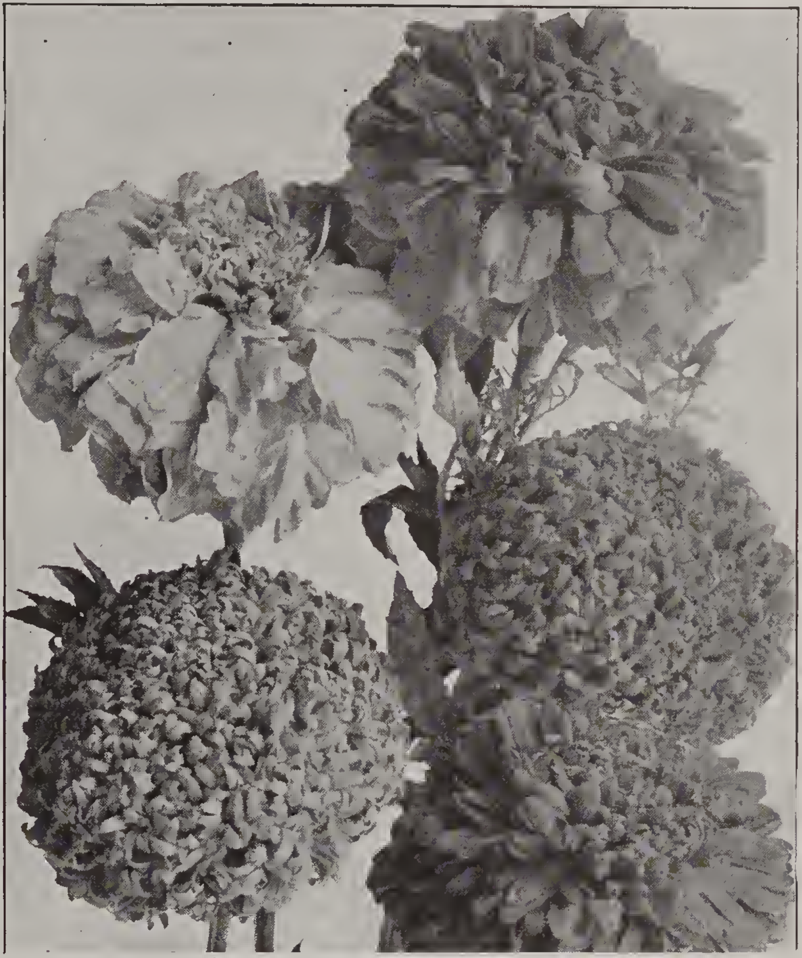
CHRYSANTHEMUM-FLOWERED

NEW GIANT HYBRIDS. *1937 Novelty.* These hybrids consist of many new and distinct types of Marigolds, varying in size of blooms from 2 to 4 inches in diameter. Some of these types have petals which are very much quilled and incurved, resembling a miniature American Beauty aster. The colors range in all shades of orange and yellow. Plants are about 3 feet high, supporting masses of flowers on fine stems for cutting. Pkt. 25c.; 75c. per large pkt.

Dixie Sunshine. All-America winner. A new Chrysanthemum-flowered type which comes 100 per cent fully double. The medium-sized flowers are bright golden yellow. Tall, bushy growth of about 4 feet. Late flowering. Seed should be sown in March. Pkt. 25c.; 60c. per large pkt.

See pages 6 to 10 for Novelties and Specialties in Flower Seeds.

Marigold, Royal Scot



Chrysanthemum-flowered Marigolds

TALL AFRICAN

Tall-growing, from 2½ to 4 feet high.

GIGANTEA, SUNSET GIANTS. *1937 Novelty.* A new departure in Marigolds, with flowers the largest ever known in the Marigold group, averaging 5 to 7 inches in diameter. Exceptionally free flowering and lacks the usual Marigold odor. Plants grow 3½ to 4 feet high. The flowers are loosely formed, with broad, heavy petals, and come in a mixture of colors ranging from deep orange through to light lemon-yellow. This strain comes 60 per cent double. Pkt. 35c.; $1.25 per large pkt.

CARNATION-FLOWERED, GOLDEN EAGLE. *1937 Novelty.* Closely related to the popular Guinea Gold. Color, a delightful shade of luminous gold. Plants come 100 per cent double, and as a cut-flower this variety is superb. Pkt. 25c.; 85c. per large pkt.

Yellow Supreme. All-America winner. Broad, loose, frilled petals, similar to Guinea Gold, of a rich creamy lemon-yellow color. Excellent for cutting. 2 ft. Pkt. 15c.; 50c. per large pkt.

Giant Golden Emblem. This variety is a rich lemon-gold, with very large flowers measuring from 4 to 5 inches in diameter. The shade is between Lemon Queen and Orange Prince. Flowers large, exceedingly double, and excellent for cutting. Pkt. 15c.; 50c. per large pkt.

Guinea Gold. All-America winner. A very valuable novelty that has created a sensation as a most desirable cut-flower. It is a distinct type producing no singles whatsoever, the flowers coming 100 per cent double and semi-double. Color, clear orange, flushed with gold. Loose petaled and lacks the odor of the regular African Marigold. Pkt. 15c.; 50c. per large pkt.

Alldouble Orange. This new variety will produce a large percentage of double flowers of a bright orange shade. Pkt. 15c.; 50c. per large pkt.

Tall African Marigolds, continued

Lemon Queen. Soft lemon-yellow. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Orange Prince. Large flowers of a deep golden orange color. Very showy. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Large African, Mixed. Tall; double. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

DWARF AFRICAN

This new strain of Dwarf African Marigold is admirably adapted for bedding. Plants sturdy and free flowering, forming a veritable pyramid of bloom; excellent for borders or solid beds.

Golden Queen. Large-flowered golden yellow. Pkt. 15c.; 40c. per large pkt.

Orange Queen. *New.* Vivid, bright orange. Pkt. 15c.; 40c. per large pkt.

Primrose Queen. All-America winner. Clear primrose-yellow. Pkt. 15c.; 40c. per large pkt.

Queen, Mixed. Pkt. 15c.; 40c. per large pkt.

MEXICAN

An outstanding introduction, semi-dwarf in habit, branching freely, heavily laden with quantities of unique, semi-tubular petaled, bright orange flowers. An excellent variety. 3 ft. Pkt. 25c.; 50c. per large pkt.

DOUBLE FRENCH

DWARF ALLDOUBLE, ROYAL SCOT. *1937 Novelty.* All-America winner. An excellent new strain. Growth dwarf and bushy, and every plant of uniform shape and height (10 to 12 inches). Color, rich mahogany and gold, in uniform stripes. Pkt. 25c.; 75c. per large pkt.

HARMONY. *Novelty.* An excellent new French variety of Scabiosa-flowered type. Very double flowers of deep orange with maroon collar. Free flowering. Fine for borders. One of the best of the newer sorts. Pkt. 15c.; 50c. per large pkt.

VARIETIES MARKED ★ ARE ESPECIALLY SUITABLE FOR ROCK-GARDENS

Every garden needs Mignonette's unforgettable fragrance

French Marigolds

Double French Marigolds, continued

Double Monarch. All-America winner. This new variety has all the qualities which make up the ideal type of the Dwarf Double French strain; flowers large and exceedingly double, in a wide range of colors, which include combinations of orange, bronze, yellow and mahogany; excellent for bedding or border use. Pkt. 15c.; 30c. per large pkt.

Robert Beist. Very large, dark maroon flowers. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Dwarf Gold-striped. Double; brownish red, striped golden yellow. 1 ft. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Golden Ball. Very compact. Flowers large, golden yellow. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Lemon Ball. Pale sulphur-yellow. Plants very compact. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Mahogany. Rich mahogany-brown. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Dwarf Double French, Mixed. 1 ft. Pkt. 10c.; 25c. per large pkt.; oz. 60c.

★**Lilliput, Mixed.** Very dwarf. Excellent for pots. 8 in. Pkt. 10c.; 30c. per large pkt.; oz. 85c.

SINGLE FRENCH VARIETIES

Fire Cross. This new dwarf single variety is the best of its type. Flowers deep orange-yellow, each petal marked with a crimson-maroon blotch. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Legion of Honor (Little Brownie). Single golden yellow velvety flowers with a large spot of crimson. Early flowering. 9 in. Pkt. 10c.; 25c. per large pkt.; oz. 60c.

Signata pumila (Tagetes). Golden yellow. Excellent for edging. 10 in. Pkt. 10c.; 25c. per large pkt.; oz. 85c.

Tall French, Australian Giant or **Tree.** Very late flowering, with masses of brownish yellow flowers. Excellent for cutting. 5 ft. Pkt. 15c.; 40c. per large pkt.

Tall Single French, Josephine. Dark brown with gold edges. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Tall Double French, Mixed. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Marvel of Peru • Four o'Clock

Choice Mixed. Free-flowering garden favorites. Flowers very showy, in many bright colors. 2 ft. Pkt. 10c.; 25c. per oz.

Matricaria • Feverfew

Double White. Hardy annual, for bedding or pot-culture. White flowers. 1½ ft. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Golden Ball. Perennial. Bright yellow flowers. Pkt. 10c.; 60c. per large pkt.

Matthiola

Bicornis. Evening Scented Stock. A desirable annual on account of its delightful fragrance during the evening. Purplish lilac blooms. Pkt. 10c.; 25c. per large pkt.

Mignonette, Large-flowering

Mesembryanthemum

Criniflorum. Livingstone Daisy. Plant of slightly spreading habit, literally covered with small flowers in a range of delightful shades. Pkt. 25c.; 60c. per large pkt.

Crystallinum. Ice Plant. Dwarf trailing annual for rockeries, edgings and vases. Singular icy foliage; flowers white. Pkt. 10c.; 25c. per large pkt.

Mexican Fire-Plant

See *Euphorbia heterophylla*, page 23

Mignonette

No garden is complete without this fragrant flower. It can also be grown in pots for winter and early spring flowering.

Allen's Defiance. Spikes invariably attain a height of 12 to 15 inches. Fragrant. Pkt. 10c.; 25c. per large pkt.; oz. 60c.

Goliath. Giant spikes of red flowers. Pkt. 10c.; 30c. per large pkt.; oz. $1.25.

Machet. Large, sweet-scented flowers. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

New York Market. A specially selected strain. Pkt. 15c.; 40c. per large pkt.; oz. $1.50.

Sweet-scented. The popular garden sort. Pkt. 10c.; 25c. per oz.

Mimulus

Showy, profuse-flowering plants, fine for greenhouse or moist, shady situations.

★**Tigrinus, Mixed.** Monkey Flower. Fine mixture of tigered and spotted varieties. 1 ft. Pkt. 10c.; 50c. per large pkt.

Moonflower. See Ipomœa, page 25.

Morning-Glory

Heavenly Blue (Ipomœa rubro-cœrulea), Clark's New Early Improved. See color plate opposite page 8. Pkt. 15c.; 50c. per large pkt.; oz. $1.25.

Myosotis • Forget-Me-Not

Beautiful, half-hardy perennials, succeeding best in moist, shady situations. Sown in the spring they will flower in the fall; if wanted for early spring flowering, seed should be sown in frames in July or August.

LAVENDER GEM. *Novelty.* An entirely new and distinct color in the popular Forget-me-not family. Lavender Gem belongs to the Alpestris section, but is of neater and more erect habit than Indigo Blue. It is admirably suited to cutting and bunching, and may be recommended for border work. The color is distinct mid-lavender, a pure tone entirely free from rose or mauve. Under glass, its flowers develop an attractive silvery sheen. Pkt. 25c.

Alpestris, Victoria. Of bushy habit, bearing large bright blue flowers. Very fine. 6 in. Pkt. 10c.; 50c. per large pkt.

Grandiflora alba. Large white flowers. 8 in. Pkt. 10c.; 30c. per large pkt.

Grandiflora rosea. Large pink flowers. 8 in. Pkt. 10c.; 30c. per large pkt.

Michell's Winter-flowering. The finest variety for forcing. Long stems; deep blue flowers. Pkt. 15c.; 60c. per large pkt.

Palustris semperflorens. Dwarf. Blooms the entire season. Deep blue. Pkt. 10c.; 50c. per large pkt.

Choice Mixed. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Myosotis alpestris, Victoria

VARIETIES MARKED ★ ARE ESPECIALLY SUITABLE FOR ROCK-GARDENS

Everyone admires the new Double Nasturtiums

Michell's Giant Nasturtiums

Nasturtiums are among the best known and most popular of hardy annuals. Easily grown, and producing a great profusion of brightly colored flowers from within a few weeks after they are sown until they are killed by frost; they succeed best in rather light, well-drained soil.

DWARF OR BEDDING · TOM THUMB

Of dwarf, compact growth, excellent for borders or for bedding, forming plants about 1 foot high by 1 foot across.

New Dwarf Double

Scarlet Globe. Perfect, compact plants of globe-shaped growth about 1 foot tall. Giant double and semi-double, sweet-scented, fiery scarlet blooms in great profusion. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Golden Globe. All-America winner. Identical in color with the popular Golden Gleam, but of dwarf, compact growth. Free flowering. Very double and sweet scented. Pkt. 10c.; 30c. per oz.

Gem Mixture. Free-flowering, semi-double, sweet-scented flowers in an excellent color-range, and containing both light- and dark-flowering plants. Pkt. 10c.; 40c. per oz.

Queen of Tom Thumbs, Mixed. Silver variegated foliage. Flowers in a great variety of colors. Pkt. 10c.; 25c. per oz.; ¼lb. 75c.

Michell's Giant-flowering Dwarf, Mixed. This is one of the finest mixtures, composed of the largest and best named varieties and cannot be surpassed for brilliancy of color. Pkt. 10c.; 25c. per oz.; ¼lb. 60c.; $2.00 per lb.

Double Nasturtium Novelties

All-America Winners

This type is of the semi-trailing habit and is a new development in Nasturtiums. The plant forms a vigorous bush which throws out short runners averaging 18 inches. The flowers are very large and double and exceedingly sweet scented. Another feature is that the blooms stand well above the foliage and are excellent for cutting; well adapted for pot-culture.

Scarlet Gleam. (Bodger.) The flowers are fiery orange-scarlet, 3 inches across, and uniformly double, with lush green foliage. Pkt. 10c.; 30c. per oz.

Gleam Hybrids. (Bodger.) These Hybrids are a collection of gorgeously colored, large, well-formed flowers of dazzling beauty. A very brilliant mixture. Pkt. 10c.; 30c. per oz.

Golden Gleam. (Bodger.) Large, golden yellow, semi-double, sweet-scented flowers. Excellent for cutting and growing in pots. Pkt. 10c.; 25c. per oz.; ¼lb. 60c.

Dwarf Double Nasturtium, Golden Globe

TALL OR CLIMBING NASTURTIUMS

For covering trellises, fences, arbors, piazzas, trailing from vases, over rockwork, etc., nothing can equal the gorgeous effect produced by their great quantities of bloom from early summer until frost. The seed-pods can be gathered while green and tender, for pickling. 8 to 10 ft.

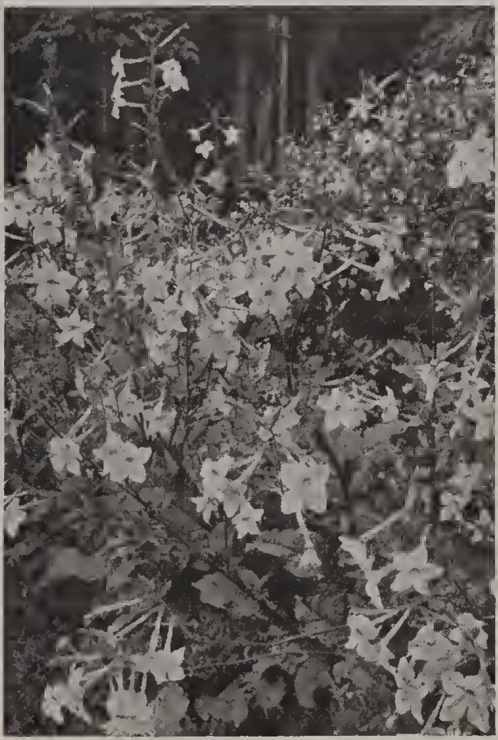
Michell's Giant-flowering, Mixed Tall. This mixture cannot be excelled for large size and beautiful colors of the flowers. Composed of the largest and finest varieties. Pkt. 10c.; 25c. per oz.; ¼lb. 60c.; $2.00 per lb.

LOBB'S CLIMBING NASTURTIUMS

(Tropaeolum Lobbianum)

Excellent for window-boxes, vases, hanging-baskets, and rockeries. 8 to 10 ft.

Choice Mixed. All colors. Pkt. 10c.; 25c. per oz.; ¼lb. 60c.; $2.00 per lb.



Nicotiana

Nemesia

Strumosa Suttoni. A fine annual, with large flowers varying in color from creamy white to deep orange and carmine. Excellent for bedding. 1½ ft. Pkt. 15c.; 50c. per large pkt.

Blue Gem. Flowers bright blue. Growth compact. Pkt. 15c.; 60c. per large pkt.

Nepeta

★**Mussini.** A favorite perennial rock-plant with blue-gray foliage and pale mauve flowers. 9 in. Pkt. 20c.; 60c. per large pkt.

Nicotiana · Flowering Tobacco

Extremely showy annual plants, giving a continuous display of brilliant flowers. 2 to 3 ft.

Crimson Bedder. *New.* Rich deep crimson. Dwarf. Pkt. 15c.; 50c. per large pkt.

Affinis. Fragrant, tubular, pure white flowers. Pkt. 10c.; 25c. per large pkt.

Affinis Hybrids, Mixed. Large, sweet-scented flowers in a variety of colors. Pkt. 10c.; 25c. per large pkt.

Nigella · Love-in-a-Mist

Miss Jekyll. Lovely garden annuals, with finely cut green foliage and curious-looking seeds and seed-pods. The double flowers are clear cornflower-blue. Excellent for cutting. 1½ ft. Pkt. 10c.; 25c. per large pkt.

Oenothera · Evening Primrose

Beautiful hardy perennials of easy culture. The plants continue in bloom throughout the summer.

★**Missouriensis.** A prostrate-growing variety with large, bright yellow flowers. Pkt. 15c.; 75c. per large pkt.

Youngi. Showy sort with large yellow flowers. 3 ft. Pkt. 15c.; 75c. per large pkt.

Ornamental Grasses. See page 24.

Pentstemon · Beard-Tongue

Beautiful perennial plants for the hardy border.

Sensation. Large spikes of gloxinia-like flowers of the most varied colors. Requires protection. 2 ft. Pkt. 15c.; 75c. per large pkt.

New Hybrids, Mixed. Produces large spikes. 3 ft. Pkt. 10c.; 50c. per large pkt.

Garden Flowers in Color

STEVENS

A picture cyclopedia of flowers. 400 photographs in color; 320 pages. Price, $3.75.

VARIETIES MARKED ★ ARE ESPECIALLY SUITABLE FOR ROCK-GARDENS

Michell's Petunias

For freedom of bloom, variety of color, and effectiveness, the Petunia has few equals, either for the flower garden, porch or window-box. They commence blooming early and continue until killed by frost. We call special attention to our Large-flowering strains, which for size and brilliancy of coloring cannot be surpassed.

Petunia, Michell's Quaker Giant

Michell's Quaker Giants

1937 NOVELTY

Deep-throated, single flowers, well ruffled. Plants of dwarf habit. Excellent for pots. Selected mixture. Pkt. 50c.; $1.25 per large pkt.

Giant-flowering Single, Fringed

MARTHA WASHINGTON. (Waller-Franklin.) *Novelty.* All-America winner. A ruffled or frilled, dwarf, compact type, about 9 inches high, and literally smothered with blooms 3 inches across. Color blush-pink, with center veined wine-red. Pkt. 25c.; 75c. per large pkt.

Dainty Lady. All-America winner. Remarkable new yellow variety. Plants neat, compact, semi-dwarf, and free flowering. Blooms medium size, delicately fringed, color light golden yellow. Pkt. 25c.; 85c. per large pkt.

Diener's Ruffled Monsters. Extra-large flowers in a wide range of colors. Dwarf habit. Pkt. 25c.; 75c. per large pkt.

Diener's Pink Glory. Same type as above. Flowers a beautiful shade of rose-pink. Pkt. 25c.; 75c. per large pkt.

Floretta. Large, single, fringed flowers of a beautiful steel-blue color, veined black. Pkt. 25c.; 85c. per large pkt.

Lace Veil. Dwarf. Fringed; pure white. Pkt. 25c.; 85c. per large pkt.

SETTING SUN. *Novelty.* An especially fine, dwarf sort of compact habit, 1 foot high. Brilliant rose-pink flowers, beautifully fringed, 3 inches across. Comes true from seed. Pkt. 25c.; $1.00 per large pkt.

Theodosia. A large-flowered fringed variety. Rosy pink with a clear golden yellow center. Pkt. 25c.; $1.00 per large pkt.

Violet King. Beautiful, velvety violet-blue, immense, fringed flowers. Pkt. 25c.; 85c. per large pkt.

Yellow-throated Mixture. A re-selected mixture of giant fringed Petunias in pleasing light shades, all having yellow throats. Pkt. 25c.; $1.00 per large pkt.

Giant Fringed, Choice Mixed. Flowers large, beautifully fringed and ruffled, in a fine range of colors. Pkt. 25c.; 85c. per large pkt.

Giant-flowering Single, Plain Edge

New Dwarf California Giants, Ramona Strain. An excellent new dwarf strain of the well-known California Giants. Very compact. Fine for pots. Pkt. 25c.; 85c. per large pkt.

California Giants. One of the largest-flowered varieties. Bright, desirable colors. Strong, robust plants. Pkt. 25c.; 50c. per large pkt.

Purple Prince. A fine velvety purple, large-flowering variety. Pkt. 25c.; 75c. per large pkt.

Large-flowering Hybrids. An excellent mixture of large-flowering sorts. Pkt. 20c.; 60c. per large pkt.

Miniature Petunia, Rose Gem

ALL-AMERICA WINNER. NOVELTY

A charming addition to the new miniature group of Petunias which was started with Pink Gem. Rose Gem is the color which the public has been asking for in this miniature form. It is the rich deep rose that has made Rose of Heaven so popular. The plant is neat and compact, 5 to 6 inches high, and smothered with rich rose-colored blooms about 2 inches in diameter. (Originator's description.) Pkt. 25c.; 75c. per large pkt.

Single Small-flowering

Dwarf Erect Periwinkle Blue. A welcome addition to the dwarf, free-flowering, single type. Flowers are a delightful shade of pastel blue. Resembles very much the perennial vinca. Pkt. 15c.; 50c. per large pkt.

Bluebird. An excellent bedding variety. Medium-sized flowers of a deep blue color. Pkt. 15c.; 50c. per large pkt.

Celestial Rose. Compact. Deep rose. Excellent for bedding. Pkt. 15c.; 50c. per large pkt.

Cockatoo. Violet, with white spots. Pkt. 15c.; 50c. per large pkt.

Dwarf Inimitable. Dwarf, compact habit. Profuse bloomer. Flowers striped and blotched. Pkt. 10c.; 50c. per large pkt.

FLAMING VELVET. *Novelty.* All-America winner. Rich, brilliant, velvety blood-red, medium-sized flowers. Excellent for bedding. Pkt. 25c.; 75c. per large pkt.

General Dodds. A fine bedding variety. Rich velvety blood-red blooms. Pkt. 10c.; 50c. per large pkt.

Rosy Morn. Dwarf, bushy plants, bearing in great profusion brilliant rose-colored flowers with a white throat. Excellent for potculture. Pkt. 10c.; 50c. per large pkt.

Rose of Heaven. Rich, brilliant rose color. A very effective variety. Pkt. 10c.; 60c. per large pkt.

Silver Blue (Heavenly Blue). Makes a fine bedding variety when combined with Rosy Morn. Pkt. 15c.; 50c. per large pkt.

Petunia, Rose Gem

Have you grown the large double Petunias?

SINGLE SMALL-FLOWERING PETUNIAS, continued

Snowball. A fine, compact sort, producing a profusion of satiny white flowers. Pkt. 10c.; 50c. per large pkt.

Howard's Star, Improved. Produces a profusion of crimson-maroon flowers, with a distinct five-pointed white star. Pkt. 15c.; 60c. per large pkt.

Violet Gem. Plants of erect, dwarf type. Beautiful deep violet flowers. Pkt. 15c.; 60c. per large pkt.

Choice Mixed. Pkt. 10c.; 40c. per large pkt.; oz. $1.50.

Nana Compacta or Miniature

A new dwarf, compact variety, about 10 inches in height.

	Pkt.	Large pkt.
Adora. Rosy carmine, with white star	$0 25	$0 75
Little Blue Star. Blue, with white star	25	75
Rose Gem. Rich deep rose	25	75
Senator Improved. Violet self, white throat	25	75
Snow Bedder. Pure white	25	75

Portland Petunias

For planting of veranda boxes and for choice potted plants, or for bedding out, these Petunias in select colors never fail to please.

Elk's Pride. Large, deep royal purple blooms. Pkt. 25c.; 75c. per large pkt.

Pink Triumph. Clear, bright pink, delicately fringed. Pkt. 25c.; 75c. per large pkt.

Pride of Portland. Large, deep rose-pink, fringed flowers. Pkt. 25c.; 75c. per large pkt.

Scarlet Beauty. Flowers fringed, shading from cherry-red to deep maroon. Pkt. 25c.; 75c. per large pkt.

White Beauty. Pure white flowers with finely fringed edges. Pkt. 25c.; 75c. per large pkt.

Mixed Colors. Pkt. 25c.; 75c. per large pkt.

Balcony Petunias

A fine, large-flowering, free-blooming type, suitable for vases, window- or porch-boxes; also valuable for bedding.

Netted Blue Gem. A new color in the Balcony type—steel-blue—beautifully netted or veined. Flowers large and cluster well together on the extra-long branches, which makes it of special value for window-boxes or baskets. Comes practically 100 per cent true from seed. Pkt. 25c.; 75c. per large pkt.

Admiration (Balcony Queen). Blue with spots. Pkt. 25c.; 75c. per large pkt.

Blue. Rich indigo-blue. Pkt. 15c.; 60c. per large pkt.

Cornflower Blue. Bright blue. Pkt. 25c.; 75c. per large pkt.

Crimson. Rich velvety crimson. Pkt. 15c.; 60c. per large pkt.

Rose. Brilliant rose-pink. Pkt. 15c.; 60c. per large pkt.

White. Pure white. Pkt. 15c.; 60c. per large pkt.

Mixed Colors. Pkt. 15c.; 60c. per large pkt.

Petunia, Double Fringed

Petunias

Large Alldouble-flowering Petunias

The latest development in Double Petunias is the new Alldouble strain which produces 100 per cent double flowers. We offer the following selected varieties in this strain and feel quite certain that they will prove a sensation.

Alldouble Victorious, Mixed. All-America winner. An extra-dwarf, giant, mixed Petunia which produces 100 per cent double-flowered plants. The habit of growth is very dwarf and compact, the flowers large and fully double in many brilliant and fancy colorings. Very free flowering. An exceptionally fine type for pot-culture as the plants seldom grow more than 10 inches in height. Pkt. 50c.; $1.25 per large pkt.

Amaranth-Red. A new color in this popular strain of Petunias. Pkt. 50c.; $1.25 per large pkt.

Carmine Queen (World Beauty). An exceptionally fine dwarf type. Flowers very double, beautiful rosy carmine. Pkt. 50c.; $1.25 per large pkt.

Loveliness. Identical in habit to the popular Carmine Queen, with the exception of the color, which is a clear La-France-pink. A valuable addition to this group. Pkt. 50c.; $1.25 per large pkt.

White Queen. Flowers pure white, very double, beautifully fringed. Extra dwarf and free flowering. Pkt. 50c.; $1.25 per large pkt.

The above varieties are originations of Mr. T. Sakata.

The following double varieties are a splendid strain producing on an average of 60 to 70 per cent doubles.

NOTE: It is important not to discard the small seedlings, as these usually produce the best double flowers.

Double Fringed, White. Extra-large, pure white, fringed flowers Pkt. 50c.; $2.00 per 500 seeds.

Double Fringed, Mixed. Flowers of large size, beautifully fringed and embracing a splendid variety of colors. Pkt. 50c · $1.50 per 500 seeds.

Choice Double, Mixed. A good mixture. Pkt. 25c.

Ask for Cultural Leaflet No. 205 on the growing of Petunias

Phacelia • California Blue Bell

Campanularia. A fine annual and one of the earliest to bloom. Color, gentian-blue. Excellent for borders. 9 in. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Michell's Giant Pansies

Strictly considered, this is a biennial, but the fact that it flowers the first season from seed recommends it as an annual. There are actually three seasons in which Pansies can be planted: If started in the house from February until April, Pansies will begin to bloom from July on; sown outdoors in May, beautiful flowers are produced in the fall; sown in frames during July and August, and transplanted later, they give us the main crop of flowers the following spring.

Pansy, New Giant Ruffled Orchid

Engelmann's Special Mixture

A new variety and a truly Giant Pansy that is in a class by itself. Flowers 3 to 4 inches across, on long, heavy stems and produced well above the foliage. Contains a great variety of colors, both light and dark, with a good percentage of bronze and red shades. Pkt. 50c.; $1.00 per large pkt.

Swiss Giants (Roggli)

Alpenglow. Cardinal-red shades with dark blotches. Pkt. 25c.; 75c. per large pkt.

Berna. Swiss Giants. Very rich, velvety purple-violet, of extra quality. Pkt. 25c.; 75c. per large pkt.

Lake of Thun. Swiss Giants. A distinct marine-blue variety, with deep blue blotches. Pkt. 25c.; 75c. per large pkt.

Mont Blanc. Swiss Giants. Nearly pure white, with three large blue blotches. An excellent addition to the Roggli strain. Pkt. 25c.; 75c. per large pkt.

Rheingold. Swiss Giants. Deep golden yellow, with black blotches on the three lower petals. Pkt. 25c.; 75c. per large pkt.

Roggli. Improved Swiss Giants. Flowers large, with overlapping petals in many brilliant colors and shades. Excellent for greenhouse culture. Pkt. 25c.; 75c. per large pkt.; ¼oz. $1.50.

Michell's New Swiss Giants. A new strain with enormous flowers and containing many unusual colors, such as salmon, pink, red, blue, yellow, etc., all beautifully blotched. Pkt. 50c.; $1.25 per large pkt.

Giant-Flowering Mixture

Giant Trimardeau, Mixed. Pkt. 10c.; 40c. per large pkt.; ¼oz. $1.00.

Masterpiece. Frilled Pansy. Beautiful rich colors; petals curled or waved. Pkt. 25c.; 75c. per large pkt.

Michell's Giant Exhibition. Flowers of immense size, very heavy texture, and of the most brilliant colors. Pkt. 25c.; 75c. per large pkt.; ⅛oz. $1.75; $3.00 per ¼oz.; oz. $10.00.

Triumph of the Giants, Mixed. Immense flowers of great brilliancy and richness of colors. Pkt. 50c.; 85c. per large pkt.; ⅛oz. $2.00; $3.25 per ¼oz.; oz. $11.00.

Fine English, Mixed. Pkt. 10c.; 40c. per large pkt.; oz. $1.50.

New Giant Ruffled Orchid

No Pansy is more striking than this novelty. The flowers are of enormous size, measuring 3½ inches across, and are exquisitely curled and ruffled. This strain covers a wide range of soft and bright colors. In coloring and shape, the flower resembles an orchid. Pkt. 25c.; 75c. per large pkt.

★New Miniature, Mrs. A. H. Scott

A dainty baby Pansy which does not grow more than 3 inches in height. The color of the flower is similar to Lord Beaconsfield—violet-purple, upper petals nearly white. Very free flowering and a fine suggestion for the rock-garden. Pkt. 25c.; 75c. per large pkt.

America

A very selected dwarf strain and free flowering. Comes in a fine mixture of popular shades. American-grown seed. Pkt. 50c.; $1.25 per large pkt.

Maple-Leaf Giants

This new variety has giant flowers measuring 4 to 6 inches across, perfectly round, and in a great variety of colors. Pkt. 25c.; 75c. per large pkt.

Giant Prize or Bedding Strain

Separate Colors

A strain secured from the leading Pansy specialists and not to be compared with the ordinary Giant Trimardeau, as the flowers are of much heavier texture.

	Pkt.	Large pkt.	¼oz.
Azure-Blue. Light blue	$0 15	$0 50	$1 00
Black-Blue. Dark and velvety	15	50	1 00
Emperor William. Ultramarine-blue	15	50	1 00
Hortensia-Red. Scarlet	15	50	1 00
King of the Blacks	15	50	1 00
Lord Beaconsfield. Violet	15	50	1 00
Peacock. Upper petals blue, lower petals deep claret, with white margin	15	50	1 00
Snow Queen. Pure white	15	50	1 00
White, with dark eye	15	50	1 00
Pure Yellow	15	50	1 00
Yellow, with dark eye	15	50	1 00
★Mrs. P. S. du Pont. Golden apricot with creamy tint, flushed salmon. Desirable for the rock-garden	25	75	

SPECIAL OFFER. We will send 6 pkts. of any of the above varieties of Giant Pansies (not including Mrs. P. S. du Pont) for 75c.; or the whole 12 pkts. for $1.40.

Ask for Cultural Leaflet No. 209 on the growing of Pansies

Pansies

VARIETIES MARKED ★ ARE ESPECIALLY SUITABLE FOR ROCK-GARDENS

Phlox Drummondi, Gigantea Art Shades, makes a lovely bed

Phlox Drummondi

Phlox Drummondi

One of our finest hardy annuals and should occupy a prominent place in every garden. It is easy to grow and unequaled for its profusion of bloom, which will continue until frost. For bedding or massing, nothing can surpass it.

GIGANTEA ART SHADES, MIXED

Novelty. All-America Winner

A new strain with flowers 1¼ to 1½ inches in diameter. In addition to enormous flowers (which in themselves would be enough to justify it as a novelty) it has a most wonderful range of color in soft art shades. The colors range as follows: salmon with white eye, deep salmon with cream eye, apple blossom, soft rose with white eye, light blue with white eye, pale violet with white eye, light mauve with cream eye, rose with white eye and many other pleasing art shades. Plants grow about 9 inches high. Choice mixture only. Pkt. 25c.; 60c. per large pkt.; oz. $3.00.

GRANDIFLORA

Large heads of bloom, as well as large individual flowers. 12 to 15 in.

	Pkt.	Large pkt.
Alba. Pure white	$0 10	$0 40
Chamois-Rose. Shell-pink	10	40
Coccinea. Brilliant scarlet	10	40
Lilac	10	40
Pink	10	40
Yellow	10	40
Choice Mixed. Oz. $1.25	10	30

COLLECTION

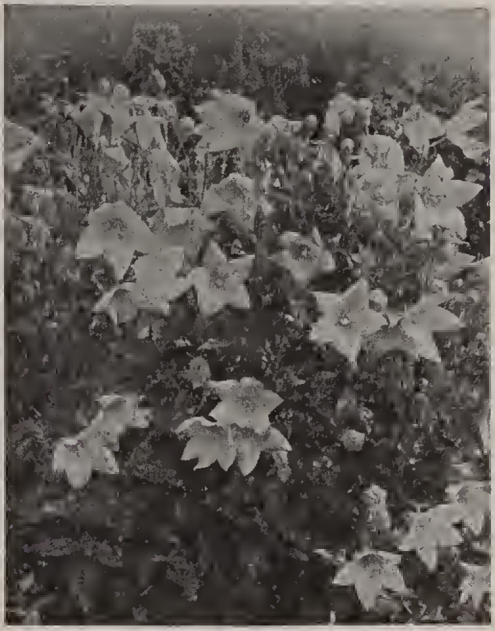
One pkt. each of above 6 colors, 50c.

Cuspidata, Mixed (Star of Quedlinburg). Extra-fine, star-flowered mixture. Pkt. 10c.; 40c. per large pkt.; oz. $1.50.

DWARF OR COMPACT

The plants grow in very symmetrical, neat little bushes, 6 to 8 inches high, and are covered with flowers during the whole summer and fall. Excellent for bedding or edging.

	Pkt.	Large pkt.
Cecily, Mixed. Large flowering; compact	$0 10	$0 60
Blue Shades	10	60
Chamois-Rose	10	60
Fireball. Brilliant scarlet	10	60
Isabellina. Yellow	10	60
Pink	10	60
Snowball. Pure white	10	60
Choice Mixed. ¼oz. 75c.	10	50



Platycodon grandiflorum

Hardy Phlox

Decussata, Mixed. Tall-growing, perfectly hardy plants, with immense trusses of large flowers in all bright colors. Pkt. 10c.; 60c. per large pkt.; ¼oz. 75c.

Physalis

Chinese Lantern Plant

Francheti. Perennial. Dense bushes, about 2 feet high, producing freely, bright orange-scarlet, lantern-like fruits. Pkt. 10c.; 30c. per large pkt.

Physostegia

False Dragonhead

Virginica. A very pretty perennial with dense bushes, bearing freely, delicate tubular pink flowers. 3 to 4 ft. July, Aug. Pkt. 10c.; 50c. per large pkt.

Platycodon

Japanese Balloon Flower

One of the best hardy perennials, bearing a profusion of large, bell-shaped flowers the whole season. Excellent for planting in borders or among shrubbery. 2 to 3 ft.

Grandiflorum. Blue. Pkt. 10c.; 40c. per large pkt.

Grandiflorum album. Pure white. Pkt. 10c.; 40c. per large pkt.

Polemonium • Jacobs-Ladder

Coeruleum. A good hardy perennial, with blue, bell-shaped flowers. 2½ ft. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Primula elatior

Shirley Poppies

Polyanthus • Primula elatior

Beautiful, spring-flowering, hardy perennials, either for pot-culture or for the garden. Succeeds best in partial shade. 9 in.

Gold-laced. Flowers of brilliant colors with distinct yellow edge. Pkt. 15c.; 75c. per large pkt.

English, Mixed. All colors. Pkt. 10c.; 60c. per large pkt.

Michell's Poppies

One of our favorite and most popular flowers, producing, during the blooming period, a profusion of brilliant colors and shades. Seeds should be sown as early in the spring as possible, where they are to remain, as they do not stand transplanting. Sow very thinly and barely cover the seed, press down firmly, and they will come up in a few days. Several sowings of the annual varieties may be made at intervals to have a succession of bloom.

SINGLE ANNUAL

King Edward. A large-flowering variety, growing about 2½ feet high. Deep scarlet flowers shaded crimson, with dark blotch at base. Pkt. 10c.; 25c. per large pkt.; oz. 40c.

Michell's Shirley, Mixed. An improved strain of this lovely race of Poppies, varying in color from pure white and delicate pink to rosy carmine and deep crimson. Pkt. 10c.; 25c. per large pkt.; oz. 40c.

Shirley, Wild-Rose-Pink. Beautiful rich pink sort that comes almost true from seed. Pkt. 10c ; 25c. per large pkt.; oz. 75c.

Oriental Scarlet. This is an exact duplicate of the popular perennial type, but is an annual and flowers profusely the first season from seed. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

FLANDERS

This is the well-known Poppy of Flanders field so often mentioned in songs and stories of the Great War. Medium-sized, bright scarlet flowers. Very showy when planted in masses. Pkt. 10c.; 25c. per large pkt.; oz. 40c.

AMERICAN LEGION

This new single Poppy of the Shirley type is a dazzling orange-scarlet of immense size, borne on long, stout stems. Pkt. 10c.; 25c. per large pkt.; oz. 60c.

Try the newer Iceland Poppies

Double Carnation-flowered Poppies

Portulacas in border

Primula veris

DOUBLE ANNUAL POPPIES

Double Shirley, Cavalcade. *New.* Double Shirley, Begonia-flowered, rich brilliant orange-scarlet. A most attractive variety. Pkt. 15c.; 40c. per large pkt.

Carnation-flowered, Mixed. Flowers of large globular form with fringed petals. 2 ft. Pkt. 10c.; 25c. per oz.

Peony-flowered, Mixed. Large, double flowers resembling a peony. Pkt. 10c.; 25c. per oz.

Improved Shirley, May Queen, Mixed. A re-selected strain. Large, double flowers. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

ICELAND · PAPAVER NUDICAULE

While these are hardy perennials, they flower the first year from spring-sown seed. They are of graceful habit, with fern-like foliage. The satin-like flowers are borne in endless profusion and are excellent for cutting. 1 ft.

Yellow Wonder (Papaver nudicaule amurense). All-America winner. This new variety is, undoubtedly, the finest and largest-flowered Iceland Poppy to date. Its bright buttercup-yellow flowers, with a lighter center, are 4 to 6 inches across, and the stems are often more than 2 feet long. Fine for cutting. The plant is of robust habit and free flowering, with as many as 30 flowers open at one time. Although a perennial, it will flower from seed the first season if sown early. We predict that this Iceland Poppy will prove one of our choicest garden perennials. Pkt. 25c.; $1.00 per large pkt.

★**Alpinum, Mixed.** Dwarf Alpine variety. Fine for the rockery. 8 in. Pkt. 25c.; 75c. per large pkt.

El Monte. A California introduction. Very large tangerine-orange flowers. Comes true from seed. Strong, wiry stems for cutting. Pkt. 25c.; 60c. per large pkt.

Coonara, Pink Shades. A fine strain in beautiful pink art shades. Large flowers on long stems; no washy shades. Pkt. 25c.; 60c. per large pkt.

Orange-Scarlet. Pkt. 10c.; 40c. per large pkt.

White. Pkt. 10c.; 40c. per large pkt.

Yellow. Pkt. 10c.; 40c. per large pkt.

Single, Mixed. Colors range from white and yellow to deep orange-scarlet. Pkt. 10c.; 30c. per large pkt.; ¼oz. 60c.

Sunbeam. Fine new shades in mixture. Pkt. 15c.; 40c. per large pkt.

ORIENTAL POPPIES

These are always popular in any perennial bed. The seeds should be sown in early spring in the open ground.

Orientale. Extra-large, deep scarlet flowers. Pkt. 10c.; 30c. per large pkt.; ¼oz. 50c.

Orientale, Mrs. Perry. Rich salmon-pink. Pkt. 10c.; 75c. per large pkt.

Orientale Hybrids, Mixed. Large flowers. Pkt. 10c.; 40c. per large pkt.; ¼oz. 60c.

Portulaca · Sun-Plant

Brilliant, hardy annual of easy culture, excellent for massing in beds, edging, or rockwork, thriving best in a light, sandy soil and a sunny situation. Flowers of the brightest colors.

DOUBLE-FLOWERING

A select strain that will produce from 60 to 80 per cent double flowers.

	Pkt.	Large pkt.
Pink	$0 10	$0 50
Salmon	10	50
Scarlet	10	50
White	10	50
Yellow	10	50
Mixed	10	40

SINGLE-FLOWERING

Choice Mixed . . . . . Oz. 75c. . .	10	25

Michell's Primulas

PRIMULA MALACOIDES

Dawkin's Carmine-Pink. *Novelty.* This new variety is a rich glowing carmine-pink, quite distinct from any shade hitherto produced in *P. malacoides.* Flowers large, on wiry stems of upright and graceful habit. The constitution of the plant is very strong. Without doubt the best of all existing varieties. Pkt. 25c.; 75c. per large pkt.

Lilac. Improved Baby Primrose. Tall, graceful spikes of delicate lilac flowers. Pkt. 20c.; 75c. per large pkt.

Pink Beauty. Large, deep rosy pink flowers. Pkt. 25c.; 75c. per large pkt.

Princess Patricia. Beautiful lavender-pink flowers, finely laced. Pkt. 25c.; 75c. per large pkt.

Ask for our Cultural Leaflet No. 206 on the growing of Primulas

PRIMULA OBCONICA

A beautiful and continuous-blooming variety with handsome spikes of flowers. Elegant plants for greenhouse or light window of dwelling-house.

Fasbender. A new strain of the Gigantea type. Giant deep crimson flowers. Pkt. 50c.; $1.25 per large pkt.

Mueller & Mohnstein's Strain. Shades of crimson and rose. Pkt. 50c.; $1.25 per large pkt.

Gigantea, Monster, Mixed. An extra-large flowering strain of this popular Primula. Pkt. 40c.; $1.25 per large pkt.

Grandiflora Hybrids, Mixed. Pkt. 20c.; 75c. per large pkt.

FRINGED CHINESE

These are among our finest winter and spring-blooming pot-plants for decoration in the home or conservatory. Our seed has been grown for us by Primula specialists and cannot be excelled for size and brilliancy of colors.

Michell's Prize Mixture. This mixture contains only the finest sorts, selected from the best strains. Pkt. 25c.; 85c. per large pkt.

PRIMULA KEWENSIS

Verbena-scented Yellow Primrose

Very attractive yellow flowers on long stems; intensely fragrant. Pkt. 25c.; 75c. per large pkt.

Hardy Primroses

The following varieties of Hardy Primroses are very popular. However, it is to be noted that the germination of the seed is very slow.

★**Veris Kleyni.** This is a new giant *Primula veris* which produces immense heads of 15 to 25 florets, each floret averaging 1 to 1½ inches in diameter. The color is a rich golden yellow, shaded apricot toward the center. Flowers are carried on heavy stems 8 to 12 inches long, and each plant produces 6 to 8 flower-spikes. Perfectly hardy outside and can also be forced successfully for winter blooming. Ideal for the rockery. Pkt. 50c.; $1.25 per large pkt.

★**Veris, Mixed.** English Cowslip. Fragrant flowers of various colors. 6 in. Pkt. 10c.; 60c. per large pkt.

★**Veris, Giant Munstead Strain, Mixed.** Flowers large, in beautiful shades, including yellow and white. 1 ft. Pkt. 25c.; 75c. per large pkt.

★**Vulgaris.** English Primrose. Canary-yellow; very fragrant. Pkt. 10c.; 75c. per large pkt.

VARIETIES MARKED ★ ARE ESPECIALLY SUITABLE FOR ROCK-GARDENS

Our Double Pyrethrums are exquisite

Pueraria

Thunbergiana. Japanese Kudzu-Vine. One of the fastest-growing, hardy climbing plants, reaching a height of 8 to 10 feet the first year from seed. Its foliage is large and covers well. Rosy purple, pea-shaped blossoms toward the end of August. Pkt. 10c.; 25c. per large pkt.

Pyrethrum

Foliage Variety for Bedding

Used for edging of ornamental beds. Leaves finely cut.

Aureum. Golden Feather. Bright golden yellow foliage. 1 ft. Pkt. 10c.; 25c. per large pkt.; oz. 60c.

PERENNIAL VARIETIES

Undoubtedly one of the best hardy perennials, both for garden work and cut-flower purposes. A row of twenty-five plants will prove very useful. Absolutely hardy and of very easy culture. 30 in.

Atrosanguineum. Dark red shades. Pkt. 25c.; 75c. per large pkt.

Hybridum, Single Mixed. Large flowers, ranging in color from light pink to deep red, with bright yellow centers. 2 ft. July. Pkt. 10c.; 50c. per large pkt.

Hybridum, Double Mixed. Pkt. 25c.; 75c. per large pkt.

Roseum. Flowers bright rose color. 2 ft. July. Pkt. 10c.; 60c. per large pkt.

Uliginosum. Giant White Daisy. Large, single white flowers. 3 to 4 ft. September. Pkt. 10c.; 60c. per large pkt.

Ranunculus

Asiaticus superbissimus, Mixed. A perennial plant, suitable for beds and borders or for pots. Fine for cutting. 1 ft. Pkt. 10c.; 25c. per large pkt.

Reseda. See Mignonette, page 28.

Rhodanthe · Everlasting Flower. See page 23

Ricinus communis

Castor-Oil Bean

Large, rapid-growing, ornamental foliage plant. Produces a fine effect in center of beds or singly on lawns.

Red Spire. A very effective variety, with bronzy green foliage and rosy crimson seed-spikes. 6 ft. Pkt. 10c.; 25c. per oz.

Cambodgensis. Leaves dark bronzy maroon. 5 ft. Pkt. 10c.; 25c. per oz.

Sanguineus. Blood-red stalks and red fruit. 8 ft. Pkt. 10c.; 25c. per oz.

Zanzibariensis. Enormous leaves, varying in color from light green to purplish red. 12 ft. Pkt. 10c.; 25c. per oz.

Mixed. All sorts. Pkt. 10c.; 20c. per oz.

Rudbeckia · Coneflower

Kelvedon Star. A really good annual and a perfect, long-stemmed flower for cutting. Very floriferous and of sturdy habit of growth. Colors vary, but all have brown central discs, surrounded by a mahogany zone on petals of deep orange. 3 ft. Pkt. 15c.; 50c. per large pkt.

Newmanni. Perennial. Large yellow flowers with black centers. Very showy. 3 ft. Pkt. 10c.; 40c. per large pkt.

Purpurea. Giant Purple Coneflower. Hardy perennial. Reddish purple flowers with dark brown disc. 4 ft. Pkt. 10c.; 40c. per large pkt.

Salpiglossis · Painted Tongue

Easy-growing annual plant which has become a great favorite, not only because of its easy culture, but mainly for its beautifully tinted and veined flowers. Blooms from early summer until late fall. 1½ ft.

	Pkt.	Large pkt.
Crimson and Gold	$0 10	$0 40
Primrose	10	40
Purple and Gold	10	40
Rose and Gold	10	40
Scarlet and Gold	10	40
White and Gold	10	40
Emperor, Mixed. A type having only one main stem, and bearing on its summit a large number of beautiful flowers, each one richly veined with gold	10	30

COLLECTION
One pkt. each of above 6 colors, 50c.

Salvia · Scarlet Sage

The Salvia is among our most popular and useful bedding plants. There is nothing more effective in the midsummer or fall than these bright scarlet flowers. Seed should be started either in the house or in hotbeds from February till April; it may also be sown in the open ground in May.

DWARF FIRE KING. *Michell's Novelty.* A new extra-early variety, flowering about four weeks earlier than other existing types. Plants are of very compact habit, exceedingly dwarf, and completely covered with medium-sized, brilliant scarlet flowers. Pkt. 25c.; 75c. per large pkt.

America (Globe of Fire). Dwarf, bushy, compact grower and very uniform in height and shape. Spikes of brilliant scarlet flowers. Pkt. 25c.; 75c. per large pkt.; ¼oz. $1.25.

Bonfire (Clara Bedman). Compact, bushy plants, 2 feet high, producing innumerable erect spikes of the most brilliant scarlet flowers. Pkt. 10c.; 60c. per large pkt.; ¼oz. $1.00.

Patens. Large, bright blue flowers. 2 ft. Pkt. 15c.; 75c. per large pkt.

Splendens. Tall-growing plants with bright scarlet flowers. 3 ft. Pkt. 10c.; 50c. per large pkt.; ¼oz. 75c.

Zurich. One of the earliest flowering of all Salvias. It is of dwarf, bushy growth, with an abundance of bright scarlet flowers. 1½ ft. Pkt. 15c.; 60c. per large pkt.; ¼oz. $1.00.

PERENNIAL VARIETIES

Blue Bedder. A new variety of Farinacea. Very compact. Deep blue flowers borne very profusely from seed the first year. Pkt. 25c.; 75c. per large pkt.

Azurea grandiflora. Produces spikes of sky-blue flowers during August and September. 3 to 4 ft. Pkt. 15c.; 60c. per large pkt.

Farinacea. A perennial variety, but best treated as an annual. Color, light blue. 2 ft. Pkt. 10c.; 50c. per large pkt.

Saponaria · Bouncing Bet

★**Ocymoides.** Fine hardy perennial rock-plant. Bright rose-colored flowers. 9 in. Pkt. 10c.; 25c. per large pkt.

Vaccaria. A profuse-blooming annual with beautiful pink, feathery flowers. 2 ft. Pkt. 10c.; 30c. per oz.

Rudbeckia purpurea

Salpiglossis

Pyrethrums, Single and Double

VARIETIES MARKED ★ ARE ESPECIALLY SUITABLE FOR ROCK-GARDENS

Scabiosas

Sanvitalia • Creeping Zinnia

Procumbens fl.-pl. Double, bright yellow flowers. Pkt. 10c.; 50c. per large pkt.

Saxifraga

★**Decipiens Hybrids, Mixed.** A charming little perennial plant; excellent for the rockery. Pkt. 25c.; $1.00 per large pkt.

Megasea speciosa. Large, leathery leaves. Short-stemmed racemes of flowers. 1 ft. Pkt. 25c.; $1.00 per large pkt.

Scabiosa • Mourning Bride

GRANDIFLORA VARIETIES

Annual

Magnificent annuals of easy cultivation, blooming freely through the summer and autumn. Very effective for beds or borders and invaluable for cutting. 2 ft.

Blue Cockade. *New.* Large, deep azure-blue flowers. Pkt. 15c.; 30c. per large pkt.

Giant-flowering Hybrids, Mixed. All-America winner. Giant blooms in an unusual number of rare colors. Pkt. 10c.; 30c. per large pkt.

Azure Fairy. Clear lavender-blue. Pkt. 10c.; 25c. per large pkt.

Cherry-Red. Pkt. 10c.; 25c. per large pkt.

Flesh-Pink. Delicate shade. Pkt. 10c.; 25c. per large pkt.

Giant Loveliness. Flowers range through various tones of delicate salmon-rose, a new color in the annual Scabiosa. Excellent for cutting. Very fragrant. Pkt. 15c.; 40c. per large pkt.

King of the Blacks. Deep purple. Pkt. 10c.; 25c. per large pkt.

Peach Blossom. Peach-blossom-pink. Pkt. 10c.; 25c. per large pkt.

Rose. Soft rose-color. Pkt. 10c.; 25c. per large pkt.

Shasta. Pure white; large; long stems. Pkt. 10c.; 25c. per large pkt.

Finest Mixed. Pkt. 10c.; 25c. per large pkt.; oz. 60c.

Tom Thumb, Mixed. Dwarf. Choice mixture. 6 to 8 in. Pkt. 10c.; 25c. per large pkt.

COLLECTION

One pkt. each of 6 colors (not including Blue Cockade or Giant Loveliness), 50c.

HARDY PERENNIAL SCABIOSA

Handsome perennial border plants flowering the entire season. As the seed of perennial Scabiosa is of slow germination, we would suggest sowing in peat moss and sand, making sure to keep moist and shaded.

Caucasica, Giant Hybrids, Mixed. Isaac House Strain. A great improvement in the Caucasica type, with larger flowers and longer stems. Colors range from light lavender to dark blue. Excellent for cutting. Pkt. 25c.; 75c. per large pkt.

Columbaria anthemifolia. A low-growing variety, with flowers measuring 2 to 2½ inches across in a delightful shade of pink. Fine for cutting. Pkt. 25c.; 60c. per large pkt.

Caucasica. Soft blue. 3 ft. Pkt. 10c.; 60c. per large pkt.

Japonica. Flowers beautiful clear blue. Pkt. 10c.; 25c. per large pkt.

Schizanthus • Butterfly Flower

One of our finest hardy annuals, and of easy culture in any good garden soil. Showy flowers of various colors, closely resembling some species of orchids. Useful as pot-plants for late winter and spring blooming; for this purpose sow in autumn.

Dwarf Large-flowering, Mixed. A compact-growing variety and very free flowering. Excellent for pots. Mixture of popular shades. Pkt. 25c.; 75c. per large pkt.

Garraway's Hybrids, Mixed. Large flowers with markings on a white, buff, rose, blue, or purple ground. Pkt. 25c.; 60c. per large pkt.

Hybridus grandiflorus, Mixed. Compact, pyramidal plants, with large flowers of many shades. 1 ft. Pkt. 10c.; 30c. per large pkt.

Wisetonensis. Largely used as a pot-plant for the house or conservatory. Flowers range from white with yellow center to pink with brown center. 1½ ft. Pkt. 10c.; 40c. per large pkt.

Sedum • Stonecrop

★**Acre.** Perennial. The well-known yellow variety. Very useful in the rock-garden. Pkt. 25c.; $1.00 per large pkt.

Sensitive Plant • Mimosa

Pudica. Curious and interesting annual plants with pinkish white flowers. The leaves close or droop when touched or shaken. 1½ ft. Pkt. 10c.; 25c. per large pkt.

Shamrock

True Irish. Small-leaved variety. Dainty little house plants easily grown from seed. Pkt. 10c.; 25c. per large pkt.

Shasta Daisy

Alaska. Perennial. Pure white, extra-large flowers. Excellent for cutting. 2 ft. Pkt. 10c.; 40c. per large pkt.

New Double Giant White. Perennial. A new double variety, excellent for cutting. Flowers are about 5 inches in diameter, on long, stiff stems, and have the appearance of a giant Aster. Will flower from seed in 5 months. Pkt. 25c.; 75c. per large pkt.

Silene • Catchfly

Attractive and profuse-blooming perennial plants.

Orientalis. Dark rose. 2½ ft. Pkt. 10c.; 25c. per large pkt.

★**Schafta.** Rose. 8 in. Pkt. 10c.; 40c. per large pkt.

Smilax

A greenhouse climber with very graceful light green foliage. Seed should be soaked 24 hours in warm water before sowing. 10 ft. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Snapdragon. See Antirrhinum, page 13.

Solanum

Christmas Pepper. An improved variety, producing quantities of miniature Peppers, ranging in color from purple to brilliant red. Pkt. 10c.; 40c. per large pkt.

Cleveland Cherry. Ornamental pot-plants of dwarf, branching habit for winter decoration. Produces a great profusion of scarlet berries. 1 ft. Pkt. 10c.; 30c. per large pkt.

Statice • Sea Lavender

Excellent plants, for either the border or rockery, producing, all summer, panicles of small flowers, which can be dried and used for winter bouquets. 2 ft.

ANNUAL VARIETIES

	Pkt.	Large pkt.
Kampf's Tall Improved. Deepest blue. Early flowering	$0 10	$0 25
Sinuata, Blue	10	25
Sinuata, Lavender	10	25
Sinuata rosea superba	10	25
Sinuata, White	10	25
Sinuata, Yellow	10	25
Sinuata, Mixed. All colors	10	25
Suworowi. Russian or Rat-Tail Statice. Flowers bright rose-color	10	30

PERENNIAL VARIETIES

DUMOSA. *Novelty.* A new variety, growing 2½ feet high and producing dense clusters of very pretty silvery gray flowers. Pkt. 25c.; 60c. per large pkt.

Caspia. The most beautiful of all perennial Sea Lavenders. Very vigorous, with 3-foot stems carrying innumerable lilac flowers. Wonderful subjects for effective table decoration. Pkt. 25c.; 75c. per large pkt.

Latifolia. Perennial. Large, deep blue flowers. Pkt. 10c.; 40c. per large pkt.

Stevia

Serrata. Free-blooming plants for summer or winter, bearing a profusion of fragrant white flowers. Excellent for cutting. 2 ft. Pkt. 10c.; 50c. per large pkt.

Statice sinuata

VARIETIES MARKED ★ ARE ESPECIALLY SUITABLE FOR ROCK-GARDENS

Michell's "Distinctive" Stocks

The Stock is one of the most popular and highly prized of our cultivated flowers because of its charming colors, delightful fragrance, and free-blooming character. Our seed is hand-saved from pot-grown specimens and will produce a large percentage of double flowers. The Early Giant Imperial and Early-flowering "Nice" Stocks must be started early indoors if wanted for outdoor blooming.

NEW GIANTS OF CALIFORNIA

This magnificent new group is so marked in improvement that we believe they will head the list in forcing Stocks in the very near future. Giants of California are very early-flowering, with a high percentage of mammoth double flowers, and having the branching habit of the Bismarck. If planted close, they will nearly attain the height of the Column Stock, approximately 30 to 36 inches.

	Pkt.	Large pkt.
Golden Gate. Clear golden yellow	$0 25	$0 50
Monterey. Bright pink	25	50
Pacific. Light blue	25	50
Redwoods. Blood-red	25	50
Santa Barbara. Chamois	25	50
Santa Maria. Pure white	25	50
Tahoe. Lavender	25	50
Yosemite. Rose	25	50
Splendid Mixture	25	50

GIANT COLUMN NON-BRANCHING

Double Excelsior

This new type of Stocks produces one enormous spike 2 to 3 feet in height and is especially adapted for greenhouse culture, as the plants can be grown close together. Blooms about 10 days earlier than Bismarck and produces a high percentage of doubles. We offer a select list of the most popular colors.

	Pkt.	Large pkt.
Ball's Dwarf White	$0 25	$0 85
Ball's White	25	85
Chamois-Rose	25	85
Silvery Lilac	25	85
Mixed Colors	25	85

Ask for Cultural Leaflet No. 211 on the growing of Stocks

Stocks, Giants of California, Santa Maria

EARLY GIANT IMPERIAL

Improved Bismarck

An excellent addition to the early forcing class. The plants are of tall, branching habit, 2 to 2½ feet high, and produce a very high percentage of double flowers.

	Pkt.	Large pkt.
Antique Copper. *New.* Rich hellebore-red—a new and attractive shade	$0 25	$0 50
Apple Blossom. Blush-pink	25	50
Buttercup. A deeper shade than Canary-Yellow	25	50
Canary - Yellow (Golden Ball)	25	50
Chamois. Ivory, tinted old-rose	25	50
Elk's Pride. A new shade in this early group—an intense royal purple	25	50
Fiery Blood-Red. Extra fine.	25	50
Golden Rose	25	50
Lavender	25	50
Lilac	25	50
Rose. Deep rose-pink	25	50
White	25	50
Mixed Colors	25	50

Sunflower (Helianthus)

MICHELL'S EARLY-FLOWERING "NICE"

An early-flowering strain of branching habit and a remarkably free bloomer. Large, double, fragrant flowers. Fine for garden bedding or cutting. For winter blooming, sow from July to September.

	Pkt.	Large pkt.
Beauty of Nice. Charming, delicate pink	$0 15	$0 50
Crimson King. Deep red	15	50
Midsummer Night. Deep, dark violet	15	50
Mont Blanc. Pure white	15	50
Monte Carlo. Canary-yellow.	15	50
Old-Rose. Extra-fine variety.	15	50
Queen Alexandra. Delicate lavender	15	50
Choice Mixed. All colors	15	50

LARGE-FLOWERED DWARF TEN-WEEKS

Leading variety for bedding out for summer blooming; also fine for pots.

	Pkt.	Large pkt.
Blood-Red	$0 10	$0 40
Dark Blue	10	40
Light Blue	10	40
Pink	10	40
White	10	40
Yellow	10	40
Mixed	10	40

Early-flowering "Nice" Stock

Stokesia

Cornflower; Stokes' Aster

Cyanea. Plants grow about 1½ to 2 feet high, bearing freely, from July to October, handsome, lavender-blue, centaurea-like blossoms, each measuring from 4 to 5 inches across. One of the most desirable plants for the hardy border, being of easy culture. Excellent for cutting. Pkt. 10c.; 50c. per large pkt.

Strawflower • Helichrysum

See Everlastings, page 23

Sunflower • Helianthus

Well-known and popular plants, the small-flowering sorts being useful for cutting and the tall varieties valuable for backgrounds.

ANNUAL VARIETIES

Small-flowered

Cut-and-Come-Again. Single, golden yellow flowers with petals twisted like a cactus dahlia. Pkt. 10c.; 25c. per large pkt.; oz. 40c.

Stella. Flowers single, golden yellow, with black centers. Invaluable for cutting. 4 ft. Pkt. 10c.; 25c. per large pkt.; oz. 40c.

Large-flowered

Chrysanthemum-flowered. Large, double golden yellow flowers, resembling chrysanthemums. 7 ft. Pkt. 10c.; 25c. per large pkt.; oz. 40c.

Double Globe (*H. annuus glboosus fistulosus*). Large, double yellow flowers. 6 ft. Pkt. 10c.; 25c. per large pkt.; oz. 40c.

Dwarf Double (Globe of Gold). Yellow flowers. 3 ft. Pkt. 10c.; 25c. per large pkt.; oz. 40c.

New Red. Extra-large flowers, some of which are rich chestnut-red, others tipped with yellow. Pkt. 10c.; 25c. per large pkt.; oz. 60c.

Russian Mammoth. Immense, single yellow flowers on tall, heavy stalks. 6 ft. Pkt. 10c.; 15c. per oz.

Michell's Spencer or Orchid Sweet Peas

SUMMER-FLOWERING

These are distinguished by the large flowers, with crinkled and wavy petals, and also by the fact that they usually bear four flowers on a stem. The varieties we offer are selected from a long list and are considered to be the best up-to-date sorts.

Sweet Peas

CHEERIE-O. *1937 Novelty.* This is a mammoth-flowering, deep begonia-rose Sweet Pea, suffused with gold—a new color. Plants are vigorous, free flowering, and throw blooms that are exceptionally large and of perfect Spencer form. Pkt. 25c.; 75c. per ½oz.; oz. $1.25.

PEGGY ANN. A 1937 introduction of great beauty, in a rare new shade of attractive salmon-pink that is bewitching under artificial light. Its elegant, delightfully perfumed blossoms are borne in fours on strong stems. Pkt. 25c.; 75c. per ½oz.; oz. $1.25.

BLUE AND PURPLE

	Oz.	¼lb.	Lb.
Fortune. Rich dark blue	$0 25	$0 60	$2 00
Royal Purple. Rich purple. One of the finest varieties	25	60	2 00
Wedgwood. A lovely self-blue	25	60	2 00

DEEP PINK OR ROSE

Fluffy Ruffles. New giant ruffled type; rich rose-pink with soft salmon shading	25	60	2 00
Pinkie. Extraordinarily large rose-pink flowers	25	60	2 00

LAVENDER

Asta Ohn Spencer. Rich lavender	25	60	2 00
Austin Frederick Improved. Giant light lavender blooms	25	60	2 00
Gleneagles. Large; lavender	25	60	2 00
Hawlmark Lavender. Fine large lavender blooms	25	60	2 00

Collections of Spencer or Orchid Sweet Peas

One pkt. each of 12 named varieties, our selection, $1.00
One pkt. each of 6 named varieties, our selection, 50c.

LIGHT PINK

	Oz.	¼lb.	Lb.
Countess Spencer. Lovely clear pink, shading deeper at the edges	$0 25	$0 60	$2 00
Elfrida Pearson. Large; shell-pink	25	60	2 00
Giant Attraction. Cream-pink	25	60	2 00
Hercules. Giant pure pink blooms	25	60	2 00

ORANGE AND SALMON

Barbara. Superbly self-colored salmon	25	60	2 00
Pirate Gold. Golden orange	25	60	2 00

PRIMROSE OR LIGHT YELLOW

Daffodil. The best yellow yet introduced	25	60	2 00

SCARLET

Fiery Cross. Large; intense orange-scarlet	25	60	2 00
Huntsman. Bright scarlet	25	60	2 00

WHITE

Avalanche. Glistening pure white	25	60	2 00
Constance Hinton. Large flowering; white. Black-seeded	25	60	2 00
King White. Gigantic flowers; pure white	25	60	2 00
Snowball. Undoubtedly the finest pure white variety	25	60	2 00

Price, any Spencer varieties, except where noted, pkt. 10c.

MICHELL'S SUPERB SPENCER MIXTURE

A mixture that cannot be surpassed. We have blended it ourselves from only Giant Waved Spencer varieties in proper proportions of bright colors and including a number of new hybrids of exquisite colors and shades. Pkt. 10c.; 25c. per oz.; ¼lb. 60c.; $2.00 per lb.

Our Booklet "How to Grow Sweet Peas" included in all orders if requested.

White Spencer Sweet Peas

Michell's Early or Winter-Flowering Spencer Sweet Peas

While these are especially adapted for forcing under glass for winter and early spring blooming, they are also valuable for outdoor culture, coming into bloom five to six weeks earlier than the regular Spencer or Orchid-flowering type, and if the flowers are kept cut, they will continue to bloom for a long time.

NOVELTIES FOR SPRING, 1937

BRIDESMAID. A delicate, sparkling shade of silver-pink, as vigorous, healthy, slim, and supple as the name implies. Bridesmaid bids fair to outstrip the field in popularity as a cut-flower for large-table center arrangement. Large flowers, usually fours, on stems 14 to 16 inches long. Pkt. 25c.; 60c. per ½oz.; oz. $1.00.

EILEEN. Rich begonia-rose, with salmon shadings, changing under certain lights to a dazzling cerise. This two-tone effect gives Eileen a brilliancy of exotic splendor never before obtained in a Sweet Pea. The flowers are large, well placed on long stems. Vigorous grower and free bloomer. Pkt. 25c.; 60c. per ½oz.; oz. $1.00.

SEQUOIA. Enormous blooms of rich golden cerise, with a tinge of russet, and so frilled and waved are its wide-spread wings that unless one looks closely he mistakes a single flower for two. Free flowering and a strong, vigorous grower. Pkt. 25c.; 60c. per ½oz.; oz. $1.00.

SHIRLEY TEMPLE. (Waller-Franklin.) This Sweet Pea, which we consider the most beautiful we have ever originated, was obtained through a cross between Pinkie and Lady Gay. It has inherited blooms with the size and richness of color in Pinkie, plus the dainty, frilled and fluted flowers of Lady Gay; the color is softer and more beautiful than Pinkie. (Originator's description.) Pkt. 25c.; 60c. per ½oz.; oz. $1.00.

SWEET BRIAR. A mammoth-flowering rich rose-pink variety on a white ground, with a touch of amber. The harmony of this combination is rich and gorgeous. A vigorous grower with stout stems throwing colossal fours in abundance. Pkt. 25c.; 60c. per ½oz.; oz. $1.00.

VARIETIES OF RECENT INTRODUCTION

Eleanor Blue. Another good novelty in the new and popular Eleanor blue shade—a clear light blue with a silver sheen. Flowers large, frilled, and of perfect Spencer form, with fours predominating, and pleasingly fragrant. Pkt. 25c.; 50c. per ½oz.; oz. 85c.

Fragrance. This delightfully fragrant new variety is, in our opinion, superior to all other lavenders. The extra-large, clear lavender self blooms come on long stems. Pkt. 25c.; 50c. per ½oz.; oz. 85c.

Michell's Rose Wonder. Beautiful, clear rose-pink color on a light ground. Pkt. 25c.; 60c. per ½oz.; oz. $1.00.

Miss Annie Laurie. A lovely novelty in the richest tone of pure rose-pink ever introduced in a Sweet Pea. It has long stems with four large flowers. Pkt. 25c.; 50c. per ½oz.; oz. 85c.

Sensation. (Duplex.) New, early-flowering, exceptionally fine variety. The large, duplex petals give the blooms the appearance of being double. Color, clear-toned, luminous geranium-pink—a new shade in the early varieties and excellent under artificial light. Flowers are large and well placed, usually borne in fours. Pkt. 25c.; 60c. per ½oz.; oz. $1.00.

Susanna. Large, rich carmine flowers on long stems. An improvement over existing varieties in this color. Pkt. 25c.; 60c. per ½oz.; oz. $1.00.

GENERAL LIST

	Pkt.	½oz.	Oz.
Amethyst. An early royal purple	$0 15	$0 40	$0 75
Aviator. Dazzling crimson-scarlet	15	40	75
Ball's Blue. Clear, even blue	15	40	75
Ball's Orange. Intense, glowing orange	15	40	75
Ball's Rose. Rich, deep rose	15	40	75
Blue Bird. A charming shade of blue	15	40	75
Burpee's Orange. Clear, glistening orange	15	40	75
Columbia. Salmon standard; white wings	15	40	75
Fascination. A wonderful early variety with the salmon-rose-pink color of the famous late Hawlmark Pink, plus the long, strong stem of the early Jeanne Mamitsch	15	40	75
Florence Michell. An extra-fine deep blue	15	40	75
Giant Rose. Rich rose-pink	15	40	75
Glitters (Early Royal Scot). Fiery orange	15	40	75
Grenadier. Dazzling scarlet	15	40	75
Harmony. A beautiful clear lavender	15	40	75
Hope. The finest black-seeded, pure white to date. Flowers of mammoth size, well waved.	15	40	75

Sweet Peas, Bridesmaid

General List, continued

	Pkt.	½oz.	Oz.
Jeanne Mamitsch. Rose-pink	$0 15	$0 40	$0 75
Lavender King. Rich, deep lavender	15	40	75
Majestic Rose. Deep, brilliant rose-pink	15	40	75
Mrs. Herbert Hoover. Flowers clear blue	15	40	75
Pink Profusion. Rich pink	15	40	75
Rose Queen. Large flowers of a most attractive rose-pink shade, usually four to a stem	15	40	75
Snowstorm, Improved. White; extra large	15	40	75
Valencia. Bright orange, absolutely sunproof; stems long	15	40	75
White Harmony. Black-seeded. Flowers pure paper-white, of grand substance	15	40	75
Zvolanek's Rose. Extra-large; rose-pink	15	40	75
Mixed Colors. Winter-flowering Spencer	10	30	50

For Summer-flowering Spencer Sweet Peas, see page 38

The Home Gardener's Pronouncing Dictionary
(HOTTES)
96 pages. Price, 50c.

Sweet William

Sweet Rocket • Hesperis

Mixed. An excellent perennial for naturalizing among shrubbery or for planting in a permanent border. Fragrant white and purple flowers. 2 to 3 ft. Pkt. 10c.; 25c. per large pkt.

Sweet William

Dianthus barbatus

One of the finest hardy perennial garden plants, and of easy culture, thriving in any good garden soil. They grow about 1½ feet high, forming fine clumps and producing excellent effects in beds and borders.

★Dwarf or **Alpine.** A fine new strain of excellent dwarf type, most suitable for edging and rock-gardens. The flower-heads are very large and the color-range a selection of many bright and dark shades. Pkt. 25c.; 75c. per large pkt.

Auricula-flowered, Mixed. A beautiful class of "eyed" single varieties. All colors. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Single Crimson. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Single Newport Pink. Salmon-pink. Pkt. 10c.; 30c. per large pkt.; oz. $1.00.

Single Scarlet Beauty. Deep scarlet. Pkt. 10c.; 30c. per large pkt.; oz. $1.00.

Single Velvety Maroon. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Single White. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Single, Mixed. All colors. Pkt. 10c.; 25c. per large pkt.; oz. 50c.

Double, Mixed. Pkt. 10c.; 25c. per large pkt.; oz. 90c.

Annual Single, Mixed. Pkt. 10c.; 40c. per large pkt.; oz. $1.25.

Tagetes • Single Marigold

Signata pumila. A dwarf, compact, bushy annual Marigold with golden yellow flowers and fern-like foliage. A fine bedding plant. Pkt. 10c.; 25c. per large pkt.

Thalictrum • Meadow-Rue

Very graceful perennial plants with finely cut foliage, excellent for the hardy border.

Aquilegifolium. Columbine-like foliage. Feathery white flowers. Pkt. 10c.; 60c. per large pkt.

Dipterocarpum. Rosy purple, with yellow anthers. Pkt. 10c.; 60c. per large pkt.

Trollius europæus

Thermopsis

Caroliniana. An excellent perennial, 3 to 5 feet high, producing 6 to 12-inch racemes of yellow, lupin-like flowers. Pkt. 25c.; 60c. per large pkt.

Thunbergia • Black-eyed Susan

Mixed. Rapid-growing annual climbers making a pretty vine for trellises, fences, rockwork, etc.; also for window-boxes, hanging-baskets and vases. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Tithonia

Speciosa. Mexican Sunflower. A native of Mexico. Flowers large, orange-scarlet, reminding one of a single zinnia. An excellent cut-flower. This variety is late flowering and must be started early. Pkt. 10c.; 40c. per large pkt.

Torenia

Fournieri grandiflora. Showy annuals, flowering all summer. Fine for vases, hanging-baskets, borders, etc. Flowers sky-blue with yellow centers. 1 ft. Pkt. 10c.; 60c. per large pkt.

Tunica saxifraga

Venidium fastuosum

Tritoma Kniphofia

Red-Hot Poker

Hybrida, Mixed. A free-blooming, hardy perennial with large spikes of flowers. 2 ft. Pkt. 10c.; 50c. per large pkt.

Trollius • Globe-Flower

Hardy perennial with large, buttercup-like flowers.

Europæus. Bright yellow. 20 in. Pkt. 25c.; 75c. per large pkt.

Hybridus. Bright yellow. 2 ft. Pkt. 25c.; 75c. per large pkt.

Tunica

★Saxifraga. A low-growing, hardy perennial with slender foliage and innumerable, tiny, star-like, pale pink flowers. An excellent rock-plant. 4 to 6 in. Pkt. 10c.; 30c. per large pkt.

Valeriana • Garden Heliotrope

Mixed Colors. Hardy perennial border plants with large, fragrant flowers having an odor resembling that of the heliotrope. 2 to 3 ft. Pkt. 10c.; 25c. per large pkt.

Venidium

Monarch of the Veldt

Fastuosum. An excellent annual with deep golden orange, daisy-like flowers, having reddish brown centers. 2 to 3 ft. Pkt. 25c.; 60c. per large pkt.

Fastuosum Hybrids, Mixed. *New.* Identical in habit with above, but colors range from apricot to deep golden orange. Pkt. 25c.; 60c. per large pkt.

Michell's Cultural Leaflets

We have prepared the following Cultural Leaflets especially for the benefit of the amateur, or, in fact, for any who may want them, giving instructions how to grow the varieties named successfully from seed. These leaflets are free.

201. Antirrhinum
202. Aster
203. Cineraria
204. Mignonette
205. Petunia
206. Primula
207. Verbena
208. Zinnia
209. Pansy
210. Salvia
211. Stock
212. Perennials
213. Carnation
214. Cosmos
215. Cyclamen
216. Larkspur (Annual)
217. Lupinus
218. Phlox Drum.
219. Nasturtium
220. Begonia

These Beauty of Oxford Hybrid Verbenas are superb

Michell's Verbenas

One of the most popular garden annuals for beds and massing, and cannot be excelled for a gorgeous display during the summer months. Commences to flower in July and continues until frost.

Beauty of Oxford Hybrids, Mixed, Originator's Stock Seed. A fine giant hybrid resulting from a cross between Luminosa and Beauty of Oxford. The color shades from clear rose-pink to rose-red, making this the brightest rose Verbena ever produced from seed. The individual florets measure over 1 inch in diameter. Pkt. 25c.; 60c. per large pkt.

Dwarf Compact Fireball. Grows about 6 inches high and is literally covered with bright scarlet blooms. Excellent for borders, beds, or pot-plants. Pkt. 25c.; 60c. per large pkt.

Hybrida grandiflora, Apple Blossom. The flowers of this variety are a delicate cameo-pink, a delightful new color in Verbenas. Individual florets are large and the flower-heads measure 4 to 5 inches across. Pkt. 25c.; 75c. per large pkt.

Hybrida grandiflora, Etna. The finest and brightest color in Verbenas—an intense geranium-red, with a small yellow eye; very large. Pkt. 15c.; 50c. per large pkt.

Hybrida grandiflora, Lavender Glory. A truly magnificent lavender variety of gigantic size. Undoubtedly the most glorious color in Verbenas, being a true lavender, with a medium-sized creamy white eye. Individual florets will cover a fifty-cent piece. Very fragrant. Pkt. 25c.; 60c. per large pkt.

Hybrida grandiflora, Lucifer. Large flowers of an intense deep cardinal-scarlet throughout. Pkt. 15c.; 50c. per large pkt.

Hybrida grandiflora, Royale. Rich deep royal blue flower of enormous size, with creamy yellow eye. Pkt.15c.; 60c. per large pkt.

Luminosa. Gigantic blooms of flame-pink, toning to softer shades of pink and coral—a beautiful combination. Pkt. 15c.; 50c. per large pkt.

NEWPORT SALMON. *Michell Novelty.* An excellent giant-flowering, true salmon-pink with white eye. Extra-large florets. Comes absolutely true from seed. Pkt. 15c.; 60c. per large pkt.

Erinoides. Moss Verbena. Purple blooms. Produces a mass of moss-like foliage, spreading over the ground. For beds, baskets, or rockeries. Pkt. 10c.; 40c. per large pkt.

Lemon-scented (*Aloysia citriodora*). An old favorite garden plant with delightful lemon-scented foliage. Pkt. 10c.; 75c. per large pkt.

Venosa. Hardy Garden Verbena. Heliotrope-blue. Fine for bedding. Pkt. 10c.; 40c. per large pkt.

Ask for Cultural Leaflet No. 207 on the growing of Verbenas

Verbena hybrida grandiflora, Apple Blossom

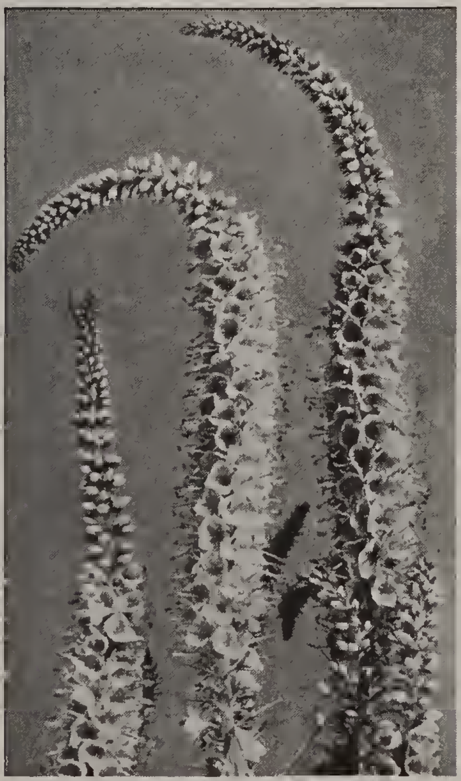
MAMMOTH FANCY STRAIN

This strain produces trusses of large flowers of the most brilliant colors and shades.

	Pkt.	Large pkt.	Oz.
Golden Queen. Pure yellow	$0 10	$0 50	$2 25
Helen Willmott. Pink	10	50	2 25
Purple Mantle. Purple	10	50	2 25
Blue Shades	10	40	2 25
Pink Shades	10	40	2 25
Scarlet Shades	10	40	2 25
Striped	10	40	2 25
Pure White	10	40	2 25
Yellow Shades	10	40	2 25
Mixed	10	40	1 50

COLLECTION

One pkt. each of 6 colors, our selection, 50c.



Veronica longifolia subsessilis

Veronica · Speedwell

An elegant, hardy perennial plant of easy culture and free-flowering habit. Valued as a cut-flower or for the garden.

Longifolia subsessilis. Rich blue flowers. 2 ft. Pkt. 10c.; 50c. per large pkt.

★**Repens.** A fine dwarf perennial rock-plant with masses of bright blue flowers. 4 in. Pkt. 25c.; 75c. per large pkt.

Spicata. Bright blue flowers. 1½ ft. Pkt. 10c.; 50c. per large pkt.

Vinca rosea

Madagascar Periwinkle

Dwarf bedding plants, easily raised from seed. Deep green, glossy foliage and bright single blossoms of striking beauty. Also suitable for pot-plants. Sow early.

Alba. White, with rose eye. Pkt. 10c.; 30c. per large pkt.

Alba pura. Pure white. Pkt. 10c.; 30c. per large pkt.

Rosea. Rose, with dark eye. Pkt. 10c.; 30c. per large pkt.

Mixed. Pkt. 10c.; 25c. per large pkt.; oz. $1.25.

★Viola Bosniaca

Johnny-jump-up

Free bloomer. Small leaves. Purple flowers. Pkt. 10c.; 60c. per large pkt.

★Viola

ARKWRIGHT RUBY. *Novelty.* This new large-flowered variety has beautiful bright rosy crimson blooms with terra-cotta shadings, making it very outstanding, with the added attraction of being very fragrant. Pkt. 50c.; 75c. per large pkt.

YELLOW QUEEN. *Novelty.* Another large-flowered type with deep pure yellow flowers coming practically 100 per cent true from seed. Plants are of robust habit and very free flowering. A decided acquisition to the Viola group. Pkt. 50c.; $1.00 per large pkt.

Jersey Gem. The most popular and free-blooming of all Violas. Pure rich violet flowers. Dwarf habit, continuously in bloom. Pkt. 50c.; $1.00 per large pkt.

Vinca Rosea

VARIETIES MARKED ★ ARE ESPECIALLY SUITABLE FOR ROCK-GARDENS

★Viola cornuta · Tufted Pansies

These resemble pansies in shape and form, and while not quite as large, they bloom more profusely and for a longer time. Seed sown in April produces flowering plants by June.

Admiration. Dark blue. Pkt. 10c.; 50c. per large pkt.

Apricot Queen. One of the finest of the Violas. Large, beautiful rich apricot-yellow flowers, tinged orange. Free bloomer. Pkt. 25c.; 75c. per large pkt.

Chantreyland. A fine new Viola in a pure apricot shade. Outstanding in color and free-flowering habit. Pkt. 25c.; 75c. per large pkt.

G. Wermig. Rich violet-blue. 8 in. Pkt. 25c.; 75c. per large pkt.

Mauve Queen. Lovely mauve color. Pkt. 10c.; 60c. per large pkt.

Perfection. Light blue. Pkt. 10c.; 50c. per large pkt.

Rose Queen. Compact, dwarf habit. Rosy pink flowers. Ideal for the rock-garden. Pkt. 20c.; 60c. per large pkt.

White Perfection. Large; white. Pkt. 10c.; 50c. per large pkt.

Yellow Perfection. Golden yellow. Pkt. 10c.; 50c. per large pkt.

Mixed. All colors. Pkt. 10c.; 50c. per large pkt.

Viola gracilis

NORMANDIE. *Novelty.* A remarkably handsome variety of the Gracilis type, bearing large, self-colored flowers of a rich burgundy-red-purple. A really attractive new sort, which will, we are sure, prove very popular. Pkt. 25c.

★Viola · Scotch Bedding Pansies

Mixed. Produces larger flowers than *V. cornuta.* Pkt. 25c.; $1.00 per large pkt.

Viola cornuta, Jersey Gem

★Violet, Sweet-scented

Viola odorata

Single, Blue Czar. Hardy Garden Violet. Seed is of slow germination and should be sown in the fall. Pkt. 10c.; 75c. per large pkt.

Virginian Stock · Malcomia

Mixed. An easy-growing border annual with small lilac, red, or white flowers. Pkt. 10c.; 25c. per large pkt.; oz. 40c.

Wallflower

Half-hardy perennials with deliciously fragrant blooms. They should be protected in a coldframe in winter and planted out in spring. 2 ft.

Double Brown. Pkt. 10c.; 75c. per large pkt.

Double Yellow. Pkt. 10c.; 75c. per large pkt.

Double, Mixed. All colors. Pkt. 10c.; 60c. per large pkt.

Early-flowering Double, Mixed. An extra-early variety, flowering from seed in 90 days. Pkt. 10c.; 50c. per large pkt.

Gold Standard. Annual. Double, deep golden yellow, very fragrant blooms. The finest variety for forcing. Pkt. 10c.; 75c. per large pkt.

Single, Mixed. Pkt. 10c.; 25c. per large pkt.; oz. 40c.

Paris Extra-Early, Mixed. A single-flowering variety which may be treated as an annual, flowering the first year from seed. 1½ ft. Pkt. 10c.; 25c. per large pkt.; oz. 60c.

Annual Mixed or Wild Flower Garden Seed

This mixture includes a large number of varieties of easy-growing, beautiful and interesting annual flowers which will furnish a profusion of bloom throughout the entire summer and autumn. Many of them will be found useful for cutting. Pkt. 10c.; 25c. per oz.; ¼lb. 60c.; $2.00 per lb.

Xeranthemum

See Everlasting Flower, page 23

Michell's Zinnias (Youth and Old Age)

Scabious-flowered Zinnias, Autumn Tints

One of the most showy and satisfactory of our hardy annuals for beds, mixed borders, and for cutting purposes. Easy to grow in any good garden soil. They commence flowering early in the summer and continue until frost.

Fantasy or Chrysanthemum-flowered

STAR DUST. *1937 Novelty.* All-America winner. This informal Zinnia will be welcomed with enthusiasm. It has the same shaggy-petaled, medium-sized flowers as the mixture, but the color is a rich deep golden yellow. Plants grow 2½ to 3 feet tall. The type is very free flowering and early blooming. This variety will come very true from seed. See color illustration on front cover. Pkt. 25c.; 75c. per large pkt.

MIXED COLORS. (Bodger.) *Novelty.* A new Zinnia, the rounded flowers of which are composed of a mass of shaggy, ray-like petals which give a delicate and refined appearance to the medium-sized, double flowers. The color-range includes the brightest red and orange, as well as the popular pastel pinks and cream. Pkt. 25c.; 50c. per large pkt.; ¼oz. 75c.

Desert Gold

Novelty

A large-flowering type in shades of yellow and gold, each petal overlaid at the base with a deeper color, giving a charming bicolor combination. Pkt. 25c.; 50c. per large pkt.; ¼oz. 75c.

Scabious-flowered

Autumn Tints, Mixed. This new strain, which has been named Autumn Tints, is perfect in form of flower and comes true. The real beauty, however, is in the lovely color of the flowers, which ranges through all the gorgeous autumn tints, including orange, bronze, russet, dull red, carmine-red, and intermediate shades. Excellent for cut-flowers because of their long stems and fine keeping qualities. Pkt. 25c.; 75c. per large pkt.; ¼oz. $1.00.

VARIETIES MARKED ★ ARE ESPECIALLY SUITABLE FOR ROCK-GARDENS

The little Zinnias are grand cut-flowers

California Giant Zinnias

These are larger than the Giant Robusta, and are a cross between them and the Dahlia-flowered. An excellent, long-stemmed type suitable for cutting.

	Pkt.	Large pkt.	Oz.
Brightness. Deep rose	$0 10	$0 40	$1 25
Cerise Queen. Orange-rose	10	40	1 25
Daffodil. Canary-yellow	10	40	1 25
Enchantress. Bright rose	10	40	1 25
Golden Queen. Golden yellow	10	40	1 25
Grenadier. Dark red	10	40	1 25
Lavender Queen. Rosy lavender	10	40	1 25
Miss Willmott. Soft pink	10	40	1 25
Orange Queen. Golden orange	10	40	1 25
Purity. Best white	10	40	1 25
Salmon Queen. Salmon-rose	10	40	1 25
Scarlet Queen. Deep scarlet	10	40	1 25
Violet Queen. Purple	10	40	1 25
Finest Mixed	10	30	1 00

COLLECTION: One pkt. each of 12 colors, $1.00
COLLECTION: One pkt. each of 6 colors, 50c.

Giant Dahlia-flowered

Plants of vigorous habit, from 2½ to 3 feet high. Mammoth flowers, 4 to 6 inches across and 2½ to 3 inches deep, so closely resembling Decorative Dahlias that when placed by their side it is difficult to distinguish one from the other. This new type is also valuable for growing under glass for cutting.

	Pkt.	Large pkt.	Oz.
Buttercup. Immense deep creamy yellow	$0 15	$0 40	$1 50
Crimson Giant	15	40	1 50
Dream. Deep lavender, turning to purple	15	40	1 50
Exquisite. Light rose, center deep rose	15	40	1 50
Golden Dawn. Bright golden yellow	15	40	1 50
Golden State. Orange-yellow	15	40	1 50
Luminosa. A new shade of bright pink	15	40	1 50
Old-Rose	15	40	1 50
Oriole. Orange and gold	15	40	1 50
Polar Bear. Pure white	15	40	1 50
Purple Prince. Large; deep purple	15	40	1 50
Scarlet Flame. Scarlet, with blending of orange	15	40	1 50
Mixed Colors	10	30	1 00

COLLECTION: One pkt. each of 12 colors, $1.50
COLLECTION: One pkt. each of 6 colors, 75c.
COLLECTION: One large pkt. each of 12 colors, $3.75

Elegans • Lilliput or Baby

Of compact habit, not over 15 inches high. Beautiful, miniature, perfectly double flowers. Excellent for bedding and good for cutting.

Pastel Mixture. In response to popular demand, we are pleased to be able to offer now this new mixture, which is composed solely of delicate shades not found in the ordinary mixed type. Pkt. 15c.; 40c. per large pkt.; oz. $1.25.

	Pkt.	Large pkt.	Oz.
Canary-Yellow	$0 10	$0 25	$1 25
Crimson Gem	10	25	1 25
Golden Gem	10	25	1 25
Purple Gem	10	25	1 25
Rosebud	10	25	1 25
Salmon-Rose	10	25	1 25
Scarlet Gem (Red Riding Hood)	10	25	1 25
Valencia. A new shade of burnt-orange	10	25	1 25
White Gem	10	25	1 25
Mixed Colors	10	25	1 00

COLLECTION: One pkt. each of 6 colors, our selection, 50c.

Mexican Zinnias

Lilliput Zinnias

California Giant Zinnia

Elegans • Lilliput Tom Thumb

A new, dwarf, compact variety, growing 6 to 10 inches high, in a fine range of bright colors. Excellent for potted plants or borders. Pkt. 25c.; 50c. per large pkt.

Dwarf Double or Cut-and-Come-Again

Compact bushes not over 2 feet in height. Large, double flowers.

	Pkt.	Large pkt.	Oz.
Crimson	$0 10	$0 25	$0 75
Pink	10	25	75
Pinkie. Deep rose-pink	10	25	75
Salmon-Rose	10	25	75
Scarlet	10	25	75
White	10	25	75
Yellow	10	25	75
Mixed	10	25	60

Haageana • Mexican Hybrids

Mixed. Very popular small-flowering Mexican Zinnias, which have a charm all their own. Excellent for bedding, making a fine display and having long stems. Exceptionally good for house decoration. The mixture contains many attractive colors and color combinations. Pkt. 15c.; 50c. per large pkt.

Robusta or Giant Double Zinnia

Plants grow to a height of 2½ to 3 feet with immense, perfectly double flowers. Splendid for cutting or garden effect.

Mixed Colors. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Various Zinnias

Pumila, Picotee, Delight. An extra-select variety in light and deep salmon shades. Petals ruffled and curled. Pkt. 15c.; 50c. per large pkt.

Scabious-flowered, Mixed. *New.* Medium-sized flowers resembling the annual scabiosa. Fine for cutting. Choice mixed colors. Pkt. 25c.; 50c. per large pkt.

Curled and Crested, Mixed. Petals curiously twisted and curled. A distinct variety in a good range of colors. Pkt. 10c.; 30c. per large pkt ; oz. $1.00.

Giant Picotee, Mixed. Large, double flowers of many colors and shades. Pkt. 15c.; 50c. per large pkt.; oz. $2.00.

Michell's Novelties and Specialties in Vegetable Seeds for 1937

In line with our usual custom, we have taken from our general list certain novelties and specially meritorious varieties of Vegetable Seeds to which we call, on this and the two succeeding pages, special attention. Planters will do well to include these in their seed orders.

Prices quoted on Beans, Sugar Corn and Peas are prepaid on quantities up to 5 pounds to the First and Second Zones; for other Zones, see Parcel Post Table on page 1. Larger quantities shipped at purchaser's expense

Tendergreen Beans

Bean, Tendergreen

An early, stringless, green variety bearing round pods at least 6 inches long, almost straight and very meaty. Ready in about 52 days after planting. Pkt. 10c.; 25c. per ½lb.; lb. 40c.; 75c. per 2 lbs.; 5 lbs. $1.40; $2.50 per 10 lbs.; 25 lbs. $5.75.

Beet, Good-for-All

A new addition to the Beet family

A fine variety, maturing nearly as early as Crosby's Egyptian, suitable for table or canning when half grown. Dark red inside and out; uniform in size and shape, which is almost globular. Medium-sized top. Pkt. 15c.; 20c. per oz.; ¼lb. 45c.; $1.25 per lb.

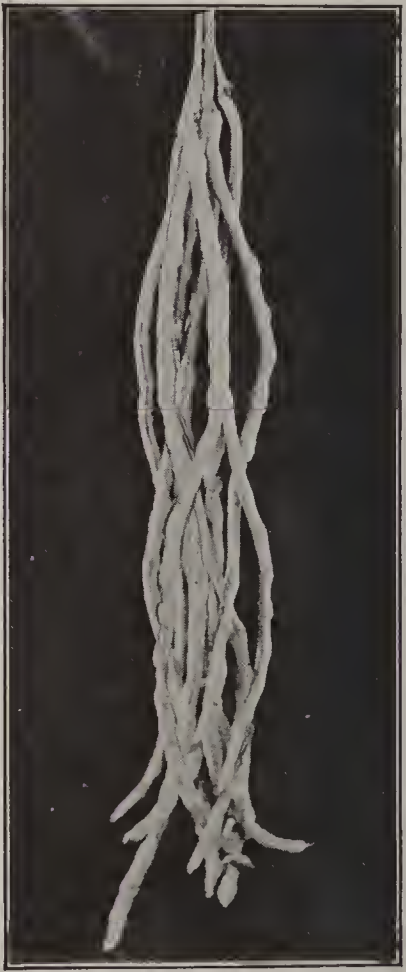
Good-for-All Beet

For General List of Vegetable Seeds, see pages 48 to 71

Asparagus Bean, Giant-Podded

Also known as the Yard-Long Bean

A green-podded Snap Pole Bean with vigorous-growing vines that produce an enormous crop of green pods, 2 feet or more in length, which are tender and of excellent quality. Ready in about 80 days after planting. Pkt. 15c.; 40c. per ½lb.; lb. 75c.



Giant-podded Asparagus Beans

Bean, Bush Lima, McCrea's

Something new in Bush Limas

An ideal sort for the home-garden and fine for canning as the Beans retain their green color and fine flavor. The stocky bush produces medium-sized pods containing from 3 to 5 thick Beans of extra-fine quality, distinct from those of other Bush Limas. Pkt. 15c.; 25c. per ½lb.; lb. 45c.; 85c. per 2 lbs.; 5 lbs. $1.65; $3.00 per 10 lbs.; 25 lbs. $7.00.

Here are some new vegetables to tickle your palate

Michell's Novelties and Specialties
in Vegetable Seeds for 1937

Prices quoted on Beans, Sugar Corn, and Peas are prepaid on quantities up to 5 pounds to the First and Second Zones; for other Zones, see Parcel Post Table on page 1. Larger quantities shipped at purchaser's expense.

Lettuce, Michell's Springtime

A fine early type to sow for spring use. Produces fair-sized, compact heads of very tender light green leaves with outer edge tinted bronze. An ideal variety for the garden. Pkt. 10c.; 25c. per oz.; ¼lb. 75c.

Parsley, Tom Thumb

Very fine, extra-curled variety of extremely dwarf habit, growing uniform in shape and compactness. Excellent for home-garden use; also suitable for edging borders and for decorative purposes. Pkt. 10c.; 25c. per oz.; ¼lb. 65c.; $2.00 per lb.

Pea, Sugar or Edible-Podded, Honey Sweet

Most distinct Sugar Pea ever introduced

An entirely new type, with curved pods that are thick, fleshy, and free from hard tissue. Can be cooked like string beans. Its sliced pods make a delicious addition to mixed salads. Pkt. 20c.; 75c. per ½lb.; lb. $1.25; $2.40 per 2 lbs.

Radish, Michell's 25-Day

A fine, crisp table variety. Round, with smooth, brilliant red skin and mild flavor. Quick grower. Pkt. 10c.; 20c. per oz.; ¼lb. 45c.; $1.25 per lb.

Squash, Table Queen or Acorn

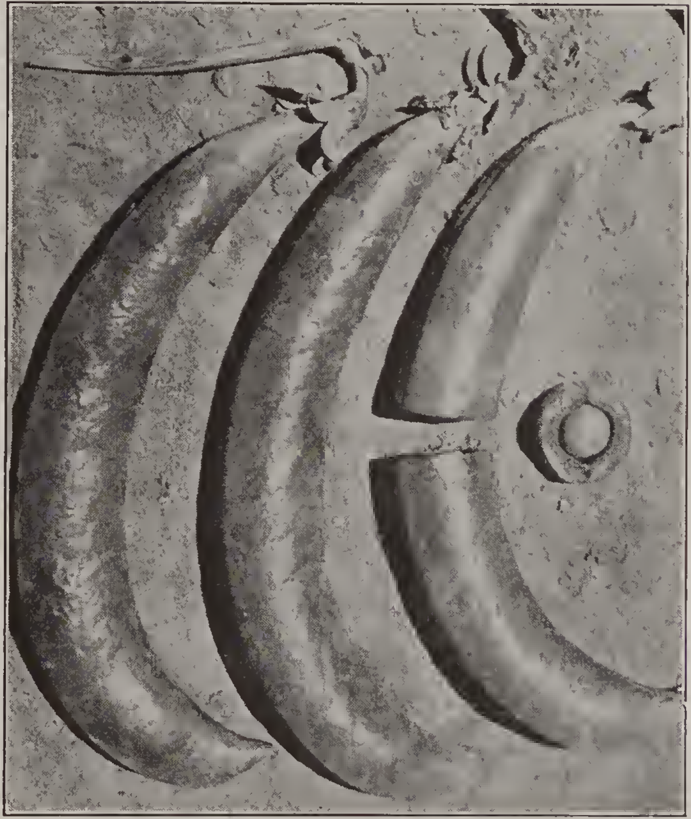
Matures early; edible in about 55 days. Fruits 6 to 8 inches long, 3 inches in diameter, with deep green rind turning to orange as it ripens. Flesh light yellow, fine for baking. Pkt. 10c.; 15c. per oz.; ¼lb. 40c.; $1.25 per lb.

Tomato, Crimson Cushion or Beefsteak

A vigorous grower with heavy, dark green foliage. The large, solid, crimson-scarlet fruits are suitable for slicing or canning. Will grow and produce in most any locality. Pkt. 10c.; 30c. per ½oz.; oz. 55c.; $1.75 per ¼lb.

MICHELL'S RELIABLE GRASS SEEDS ARE OFFERED ON PAGES 2 TO 5

Michell's Springtime Lettuce



Honey Sweet Sugar Peas

Table Queen or Acorn Squash

Michell's 25-Day Radishes

Italian and American Vegetables

Especially selected varieties which are used extensively by the Italian people

Florence Fennel

Dwarf Bean · Fagiuoli Nani

Long-Pod Broad or **Fava.** An English variety, used in the dry state, shelled. Grown extensively by the Italian people. Plant in rows about 3 feet apart, 8 inches apart in the row. Pkt. 10c.; 25c. per ½lb.; lb. 40c.; 75c. per 2 lbs.; 5 lbs. $1.40; $2.50 per 10 lbs.; 25 lbs. $5.75.

Broccoli · Broculi

Rapa or **40-Day.** A very early type of sprouting Broccoli, producing many small heads. The seed is broadcast thickly and plants cut when about 10 to 12 inches high, just before the heads burst into bloom. Suitable for early spring or fall sowing. Makes very fine greens. Pkt. 10c.; 15c. per oz.; ¼lb. 40c.; $1.25 per lb.

Cabbage · Cavolo Cappuccio

Perfection Drumhead Savoy. A crimped-leaved sort with deep, glossy green, almost round heads and distinct flavor. Pkt. 10c.; 20c. per ½oz.; oz. 35c.; $1.00 per ¼lb.

Italian Dandelion

Cucumber · Cetriolo

Early Market. A new variety worthy of a trial in your garden. Plant this one and you will have Cucumbers before your neighbors. An attractive dark green variety, uniform in shape and size, averaging 8 inches in length. Excellent for slicing. Pkt. 10c.; 20c. per oz.; ¼lb. 60c.

Italian Dandelion

Dente de Leone; Cichoria Catalogna

Newly introduced into this country and in great demand as greens. The main stalk produces leaves resembling the broad-leaved Dandelion but much longer. Cut and bunched same as asparagus. Pkt. 10c.; 35c. per oz.; ¼lb. $1.00.

Endive · Indivia

Full-Heart Batavian (Escarolle). Leaves broad, light green, nearly plain. Pkt. 10c.; 20c. per oz.; ¼lb. 60c.

Florence Fennel · Finocchio

A delicious Italian vegetable which tastes quite like celery, but is a little sweeter and more delicate in flavor. The enlarged leaf-bases are usually boiled before serving. Pkt. 10c.; 25c. per oz.

Full-Heart Batavian Endive

Italian Rocket · Rucola

Greatly relished in salads and quite tasty in soups; the leaves resemble sorrel; slightly pungent, but flavor is distinct and appetizing. Pkt. 10c.; 20c. per oz.; ¼lb. 60c.

Squash · Zucca

Cocozelle or **Italian.** A bush variety with smooth, dark green fruits, striped deeper. Pkt. 10c.; 15c. per oz.; ¼lb. 40c.; $1.25 per lb.

Italian Salad Tomato

A new Italian variety for the American people. This fine, red, plum-shaped Salad Tomato has become quite popular, due to the fact that it is practically free from acid, has very few seeds, and a flavor all its own. When served in halves or quarters on a lettuce leaf, with the usual "fixings," it makes a very attractive dish. Pkt. 20c.; 60c. per ½oz.; oz. $1.00.

Cocozelle Squash

NOTE: All seeds on this page (except Beans) sent prepaid at quoted prices

MICHELL'S COLLECTIONS OF VEGETABLE SEEDS

It will be noted that the varieties offered in these Collections can be planted as late as most gardening can be undertaken. The "Collection Idea" of Vegetable Seeds is gaining in popular favor as many persons, even experienced gardeners, do not know the best varieties to order. These Collections also have a decided advantage in that they save time and money. They cover the most popular kinds of vegetables used in every household, and we are sure our customers will find them made up in an entirely practical manner. As these Collections are put up previous to the busy season, we cannot make any changes in the varieties or quantities. The varieties named below, if bought separately, would cost considerably more.

Michell's City Garden Collection 14 varieties, postpaid, for $1.00

1 pkt. Beans, Stringless Green-Pod.
1 pkt. Beans, Dwarf Golden Wax.
1 pkt. Beans, Fordhook Bush Lima.
1 pkt. Beet, Crosby's Egyptian.
1 pkt. Carrot, Danvers Half-Long.
1 pkt. Corn, Sugar, Golden Bantam.
1 pkt. Lettuce, Big Boston.
1 pkt. Onion, Danvers Yellow Globe.
1 pkt. Parsley, Moss Curled.
1 pkt. Peas, Dandy Extra Early.
1 pkt. Radish, Round Red.
1 pkt. Squash, White Bush.
1 pkt. Tomato, Earliana.
1 pkt. Turnip, Purple-Top White Globe.

Michell's Suburban Garden Collection 21 varieties, postpaid, for $2.35

½lb. Beans, Stringless Green-Pod.
½lb. Beans, Fordhook Bush Lima.
1 pkt. Beet, Crosby's Egyptian.
1 pkt. Cabbage, Early Jersey Wakefield.
1 pkt. Carrot, Danvers Half-Long.
1 pkt. Cucumber, White Spine.
½lb. Corn, Sugar, Golden Bantam.
1 pkt. Kale, Dwarf Green Curled.
1 pkt. Kohlrabi, White Vienna.
1 pkt. Lettuce, Big Boston.
1 pkt. Onion, Danvers Yellow Globe.
1 pkt. Parsley, Moss Curled.
1 pkt. Parsnip, Hollow-Crown.
½lb. Peas, Dandy Extra Early.
1 pkt. Radish, Round Red.
1 pkt. Salsify, Sandwich Island.
1 oz. Spinach, Bloomsdale.
1 pkt. Squash, White Bush.
1 pkt. Swiss Chard, Lucullus.
1 pkt. Tomato, Earliana.
1 pkt. Turnip, Purple-Top White Globe.

Michell's Country Garden Collection 31 varieties, postpaid, for $4.75

1 lb. Beans, Stringless Green-Pod.
1 lb. Beans, Dwarf Golden Wax.
1 lb. Beans, Fordhook Bush Lima.
1 oz. Beet, Crosby's Egyptian.
1 pkt. Cabbage, Early Jersey Wakefield.
1 pkt. Cabbage, Late Flat Dutch.
1 oz. Carrot, Danvers Half-Long.
1 pkt. Celery, White Plume.
½lb. Corn, Sugar, Golden Bantam.
½lb. Corn, Sugar, Stabler's Early.
½lb. Corn, Sugar, Stowell's Evergreen.
1 pkt. Cucumber, White Spine.
1 pkt. Endive, Green Curled.
1 pkt. Kale, Green Curled.
1 pkt. Kohlrabi, White Vienna.
1 pkt. Leek, Carentan.
1 pkt. Lettuce, Big Boston.
1 pkt. Lettuce, Curled Silesian.
1 pkt. Lettuce, Cos or Romaine.
1 pkt. Muskmelon, Rocky Ford.
1 pkt. Watermelon, Tom Watson.
1 pkt. Onion, Danvers Yellow Globe.
1 pkt. Onion, Silverskin.
1 pkt. Parsley, Moss Curled.
1 lb. Peas, Nott's Excelsior.
1 lb. Peas, Dwarf Champion.
1 oz. Radish, Round Red.
1 oz. Radish, Round White.
1 oz. Spinach, Bloomsdale.
1 pkt. Squash, White Bush.
1 oz. Swiss Chard, Lucullus.

MICHELL'S PRACTICAL GARDEN POINTERS. A publication we have compiled that contains valuable information on the culture of Vegetables, Flowers, etc., also Garden Plans, will be sent free with any of the above Collections

MICHELL'S VEGETABLE SEEDS

Washington Asparagus

ASPARAGUS

ASPERGE (Fr.) SPARGEL (Ger.)
SPARAGIO (Ital.)

Sow 5 pounds per acre for roots, or 1 ounce to 50 feet

A well-cared-for Asparagus bed improves with age and lasts for many years. It may be established from seed, but much time is saved by planting roots. Seeds should be sown thinly in early spring in rows 1 to 2 feet apart. Thin out the weakest plants so the remainder will be 4 inches apart. When one or two years old, transplant in the permanent bed in rows 3 feet apart, setting the roots 1 to 1½ feet apart, from where it can be cut three years later. "Michell's Practical Garden Pointers" gives full information and is mailed free.

Palmetto or **Eclipse.** One of the earliest. Very prolific and finely flavored. Green. 10c. per oz.; ¼lb. 25c.; 75c. per lb.

Giant Washington. A rust-resisting variety with long, stout, dark green spears with a rich purple tinge. 15c. per oz.; ¼lb. 35c.; $1.00 per lb.

Asparagus Roots

Ready about March 20 for spring planting; about October 10 for fall planting

4000 to 6000 roots are required for an acre

	2-yr. roots		
	50	100	1000
Palmetto or **Eclipse**...	$0 85	$1 50	$11 00
Giant Washington...	1 00	1 75	12 00

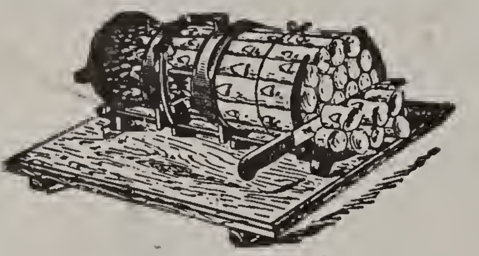
If above are wanted by Parcel Post, add 10c. per 50; 15c per 100 for postage.

Asparagus Production

By HEXAMER

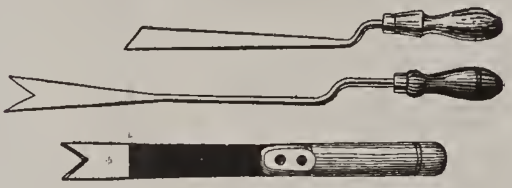
A practical treatise on the planting, cultivating, marketing, etc., of this important vegetable. Price, $1.10.

ACCESSORIES TO ASPARAGUS-GROWING



Asparagus Buncher

Even where one has a limited amount of asparagus to market, it pays to use a Buncher. Price, with Knife-guard, $4.50 (by Parcel Post, $4.70).



Asparagus Knives

	Each	By P. P. Each
No. 2501 (top illustration)....	$0 50	$0 60
No. 2500 (center illustration)..	50	60
No. 2311 (bottom illustration).	40	50

Asparagus Tape

Fast Red. 1000-yd. spool. Price, $4.00 (by Parcel Post, $4.15).

Green. 1000-yd. spool. Price, $3.00 (by Parcel Post, $3.15).

Raffia. Ideal for tying asparagus in bunches. **Natural.** Lb. 40c. (by Parcel Post, 50c.); $1.90 per 5 lbs. (by Parcel Post, $2.05). **Green.** Lb. 75c. (by Parcel Post, 85c.); $3.50 per 5 lbs. (by Parcel Post, $3.65).

Raffiatape. A linen and paper composition of nile-green color. Spool (250 yds.) 80c. (by Parcel Post, 90c.); $4.75 for 6 spools (by Parcel Post, $4.95).

Jute Twine. 2- and 3-ply, for tying asparagus. Soft and pliable. Ball 15c. (by Parcel Post, 25c.); 25c. per lb. (by Parcel Post, 35c.).

Asparagus Salt. Applied in the spring for destroying weeds, 800 pounds per acre. 100 lbs. $2.00; $3.50 per 200 lbs.; ½ton $16.00; $30.00 per ton.

Asparagus Fertilizer. Compounded after a formula recommended by a leading asparagus grower. Apply 800 pounds per acre. 100 lbs. $2.50; $4.50 per 200 lbs.; ½ton $21.50; $40.00 per ton.

ARTICHOKE

ARTICHAUT (Fr.) ARTISCHOKE (Ger.) ARTICIOCCA (Ital.)

One ounce will produce about 500 plants

Sow seed in January in the greenhouse, or in hotbeds in March. Transplant when large enough, in rows 3 feet apart, 2 feet apart in the row. Protect the plants in winter by taking them in a cellar or putting in a coldframe; may be left outdoors if protected by straw or leaves.

Green Globe. Pkt. 15c.; 30c. per ½oz.; oz. 50c.; $1.60 per ¼lb.

Artichoke Plants

Ready in April

Green Globe. We grow a large stock of these for customers who do not care to bother growing them from seed, thus assuring an early crop. Pot-grown, $1.50 per doz.; 25 for $3.00; $10.00 per 100 (by Express only).

Artichoke Roots

Ready in April

Jerusalem. Used for table and stock-feeding. Cut the tubers to single eyes and plant like potatoes, 3 to 4 feet apart each way, 3 or 4 tubers in a hill. Leave the tubers in the ground and dig as wanted. Lb. 20c. (by Parcel Post, 30c.); 90c. per 5 lbs. (by Parcel Post, $1.05); 10 lbs. $1.60 (by Parcel Post, $1.80); $3.50 per 25 lbs.; 50 lbs. $6.50.

ANISE. Pkt. 10c.; 25c per oz.

BASIL, Sweet

An herb. Pkt. 10c.; 20c. per ½oz.; oz. 35c.

BRUSSELS SPROUTS

CHOU DE BRUXELLES (Fr.) ROSEKOHL (Ger.) BERZA DE BRUSSELS (Ital.)

One ounce will produce about 3000 plants

Sow seed about May 15 and transplant when about 4 inches high, in rows 3 feet apart, 2 feet apart in the row. When heads begin to crowd, the lower leaves should be broken from the stem of the plant to give them plenty of room. They are best for cooking after they have had a slight frost.

Michell's Mammoth Fancy. We have an exceptionally fine strain of these Sprouts, recommended by an old-time gardener who has been improving them from year to year. Compact, dwarf type, having stems covered with fancy, solid Sprouts. Pkt. 15c.; 35c. per oz.; ¼lb. 90c.

Long Island Half-Dwarf. Compact heads. Very productive. Pkt. 10c.; 25c. per oz.; ¼lb. 75c.

Matchless Improved. Pkt. 10c.; 25c. per oz.; ¼lb. 75c.

Brussels Sprouts Plants

Ready in July

25 for 30c. (by Parcel Post, 40c.); $1.00 per 100 (by Parcel Post, $1.15); per 1000, $6.50.

Green Globe Artichoke

MICHELL'S DWARF BEANS

Haricots Nains (Fr.) Buschbohnen (Ger.) Fagiuoli Nani (Ital.)

Plant 90 pounds per acre; 2 pounds for a 100-foot row

A rich, sandy loam suits Beans to perfection. Toward the end of April, or still better, in May, sowings may be made and may be repeated every two weeks until August. Have the rows about 2 feet apart. Sow quite thinly in the row and about 2 inches deep, thinning out to stand 4 to 6 inches apart in the rows.

Prices quoted on Beans are prepaid in quantities up to 5 pounds to the First and Second Zones; for other Zones, see Parcel Post Table on page 1. Larger quantities shipped at purchaser's expense

Green-Podded Varieties

Bountiful. A flat-podded, stringless sort, that is tender and a prolific bearer. Pkt. 10c.; 25c. per ½lb.; lb. 40c.; 75c. per 2 lbs.; 5 lbs. $1.40; $2.50 per 10 lbs.; 25 lbs. $5.75.

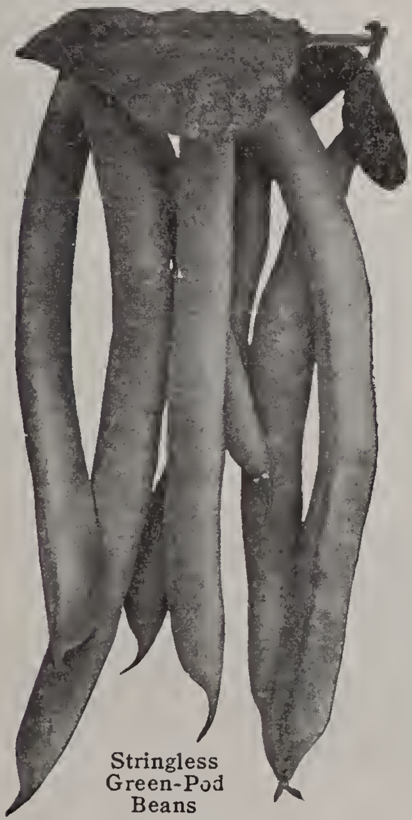
Early Mohawk. This variety can be planted before any other sort, being quite hardy. Large cropper. Flat pod. Pkt. 10c.; 25c. per ½lb.; lb. 45c.; 85c. per 2 lbs.; 5 lbs. $1.65; $3.00 per 10 lbs.; 25 lbs. $7.00.

Early Red Valentine. An extra-early variety, maturing a crop in 40 to 50 days, a large portion of which can be picked at one time. Pods 5 to 6 inches long, round, thick, tender, and of good quality. Pkt. 10c.; 25c. per ½lb.; lb. 40c.; 75c. per 2 lbs.; 5 lbs. $1.40; $2.50 per 10 lbs.; 25 lbs. $5.75.

Improved Stringless Green-Pod. Round-podded sort that is early, prolific, and a continuous bearer. Pods 5 to 6 inches long, very meaty. Even when the pods become quite old they retain their stringless qualities. Pkt. 10c.; 25c. per ½lb.; lb. 40c.; 75c. per 2 lbs.; 5 lbs. $1.40; $2.50 per 10 lbs.; 25 lbs. $5.75.

Mammoth or **Giant Stringless.** Vigorous grower and a great producer of large, round pods, from 5½ to 6½ inches long. Good for the market or home-garden. Pkt. 10c.; 25c. per ½lb.; lb. 40c.; 75c. per 2 lbs.; 5 lbs. $1.40; $2.50 per 10 lbs.; 25 lbs. $5.75.

Masterpiece. A large, flat-podded variety, especially adapted for growing under glass, though it may be grown successfully outdoors. Pkt. 10c.; 30c. per ½lb.; lb. 50c.; 95c. per 2 lbs.; 5 lbs. $1.90; $3.50 per 10 lbs.; 25 lbs. $8.00.



Stringless Green-Pod Beans

Green-Podded Varieties, continued

Stringless Black Valentine. An improvement over the old strain of Black Valentine. Pods long and slender, semi-round, and absolutely stringless. Pkt. 10c.; 25c. per ½lb.; lb. 40c.; 75c. per 2 lbs.; 5 lbs. $1.40; $2.50 per 10 lbs.; 25 lbs. $5.75.

Tendergreen. An early stringless variety with round pods at least 6 inches long, almost straight, and very meaty. Ready for use in about 52 days after sowing. Pkt. 10c.; 25c. per ½lb.; lb. 40c.; 75c. per 2 lbs.; 5 lbs. $1.40; $2.50 per 10 lbs.; 25 lbs. $5.75.

Triumph of the Frames. Splendid for forcing under glass, producing long, narrow, tender pods. Pkt. 15c.; 50c. per lb.; 2 lbs. 95c.; $2.25 per 5 lbs.; 10 lbs. $4.00.

Improved Stringless Green-Pod and Tendergreen Beans are two outstanding varieties noted for their fine flavor.

Dwarf Varieties of Shell Beans

FOR WINTER USE

These are always useful for soups, baked beans, etc. They can be used in the green state, like other sorts, when picked very young, but they are best for the first-named purpose. Plant when ground is warm in spring and up to July 1, in rows 2 feet apart, Beans 3 inches apart in the row.

Boston Navy or **Pea.** A snowy white variety of small size. Pkt. 10c.; 20c. per ½lb.; lb. 30c.; 55c. per 2 lbs.; 5 lbs. $1.15; $1.80 per 10 lbs.; 25 lbs. $3.75.

Long-Pod Broad or **Fava.** An English Bean used in the dry state, shelled. Grown extensively by the Italian people. Plant in rows about 3 feet apart, 8 inches apart in the row. Pkt. 10c.; 25c. per ½lb.; lb. 40c.; 75c. per 2 lbs.; 5 lbs. $1.40; $2.50 per 10 lbs.; 25 lbs. $5.75.

Dwarf Horticultural. One of the best early Shell Beans. The thick, flat, stringless pods are colored red and green and the Bean is large, round, and speckled. Pkt 10c.; 25c. per ½lb.; lb. 40c.; 75c. per 2 lbs.; 5 lbs. $1.40; $2.50 per 10 lbs.; 25 lbs. $5.75.

Red Kidney. Pods long, kidney-shaped, light red, and of good quality. Pkt. 10c.; 20c. per ½lb.; lb. 30c.; 55c. per 2 lbs.; 5 lbs. $1.15; $1.80 per 10 lbs.; 25 lbs. $4.00.

White Marrowfat. Somewhat larger than the Boston Navy or Pea Bean, and extensively planted for shelling for winter or for using in the green state. Pkt. 10c.; 20c. per ½lb.; lb. 30c.; 55c. per 2 lbs.; 5 lbs. $1.15; $1.80 per 10 lbs.; 25 lbs. $4.00.

FAVORITE COLLECTION:

Three of the best Green-Pod Beans—Extra-Early Red Valentine, Tendergreen, and Improved Stringless Green-Pod.

Plant at intervals of 2 weeks, in rotation as given. Specially priced, 1 pkt. of each for 25c.; 1 lb. of each for $1.00, prepaid.

Improved Rustproof Golden Wax Beans

Yellow-Podded Varieties

Improved Rustproof Golden Wax. *Rust-resistant.* A very desirable variety for the home-garden. Vigorous grower. One of the best of the Wax Beans. Pods flat, medium length, good quality. Pkt. 10c.; 25c. per ½lb.; lb. 40c.; 75c. per 2 lbs.; 5 lbs. $1.40; $2.50 per 10 lbs.; 25 lbs. $5.75.

Pencil-Pod Black Wax. A round-podded, hardy, very early sort that is entirely stringless. Pkt. 10c.; 25c. per ½lb.; lb. 40c.; 75c. per 2 lbs.; 5 lbs. $1.40; $2.50 per 10 lbs.; 25 lbs. $5.75.

Round-podded Kidney Wax. *Rust-resistant.* Vigorous grower with fleshy, stringless pods. Pkt. 10c.; 25c. per ½lb.; lb. 40c.; 75c. per 2 lbs.; 5 lbs. $1.40; $2.50 per 10 lbs.; 25 lbs. $5.75.

Stringless Refugee Wax. Round-podded, entirely stringless Bean of exceptional flavor. Pkt. 10c.; 25c. per ½lb.; lb. 40c.; 75c. per 2 lbs.; 5 lbs. $1.40; $2.50 per 10 lbs.; 25 lbs. $5.75.

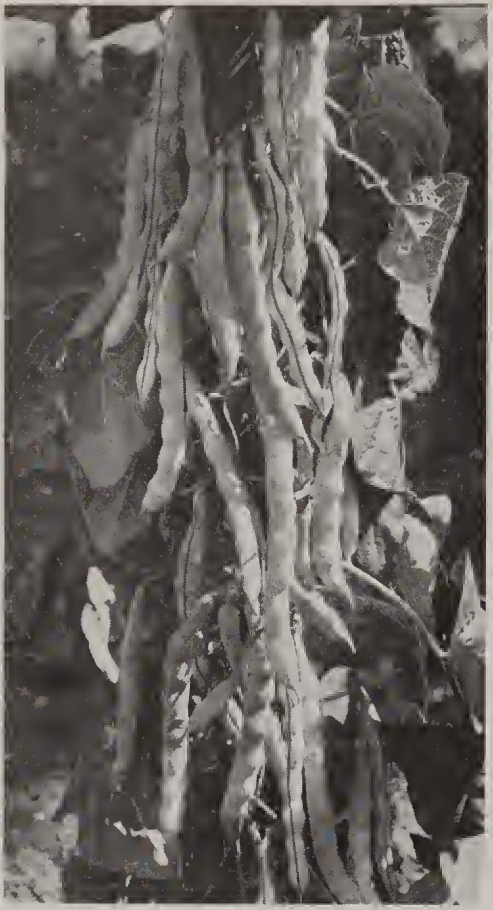
Sure-Crop Stringless Wax. Very productive, hardy and may be planted early. Long, thick, flat pods of excellent quality. Pkt. 10c.; 25c. per ½lb.; lb. 40c.; 75c. per 2 lbs.; 5 lbs. $1.40; $2.50 per 10 lbs.; 25 lbs. $5.75.

Wardwell's Kidney Wax. *Rust-resistant.* A favorite market Bean. Long, thick, flat pods in great abundance. One of the best medium-early sorts. Free from rust. Pkt. 10c.; 25c. per ½lb.; lb. 40c.; 75c. per 2 lbs.; 5 lbs. $1.40; $2.50 per 10 lbs.; 25 lbs. $5.75.

Michell's Pole or Running Beans

One pound of seed will plant 150 to 200 hills; about 20 pounds, an acre

Haricots a rames (Fr.) Stangenbohnen (Ger.) Fagiuoli (Ital.)



Kentucky Wonder Pole Beans

When all danger of frost or cold nights is over, plant in hills 4 feet apart each way, about 4 or 5 Beans to the hill, eyes downward and when up and established, thin out to 3 plants in a hill.

Pole Beans are not given the same attention in the North they deserve and receive in the southern part of the United States, where they are found in practically every garden.

They are frequently more tender, and yield larger crops than dwarf sorts. One planting usually lasts for the season.

Green-Podded Varieties

Giant-podded Asparagus or **Yard-Long.** Produces an enormous crop of pods measuring 2 feet or more in length, which are tender and of excellent quality. Pkt. 15c.; 40c. per ½lb.; lb. 75c.

Horticultural or **Speckled Cranberry.** Long, pale green pods, which become streaked with red when mature. Pkt. 10c.; 20c. per ½lb.; lb. 35c.; 65c. per 2 lbs.; 5 lbs. $1.15; $2.00 per 10 lbs.; 25 lbs. $4.50.

Kentucky Wonder or **Old Homestead.** In the South this variety is grown more extensively probably than any other. A tremendous yielder of long, round pods that are very tender and practically stringless. Quite early, being ready for picking about 85 days from planting. Pkt. 10c.; 20c. per ½lb.; lb. 35c.; 65c. per 2 lbs.; 5 lbs. $1.15; $2.00 per 10 lbs.; 25 lbs. $4.50.

Green-Podded Varieties, continued

Lazy Wife. The best late, green-podded Pole Bean. Pods broad, thick, very fleshy and stringless. Very prolific. Pkt. 10c.; 20c. per ½lb.; lb. 35c.; 65c. per 2 lbs.; 5 lbs. $1.15; $2.00 per 10 lbs.; 25 lbs. $4.50.

Scarlet Runner. While used principally for its flowering qualities, this makes a fine winter Shell Bean. The bright red flowers are an attraction when the vine is used for covering arbors, trellises, fences, etc. Pkt. 10c.; 20c. per ½lb.; lb. 35c.; 65c. per 2 lbs.; 5 lbs. $1.15.

Yellow-Podded Varieties

Golden Cluster Wax. Deep yellow, flat pods, frequently 8 inches long, quite stringless and mature in about 85 days. A heavy yielder, the pods being borne in large clusters. One of the best of the Pole Beans and a fine variety for the home-garden. Pkt. 10c.; 25c. per ½lb.; lb. 40c.; 75c. per 2 lbs.; 5 lbs. $1.40; $2.50 per 10 lbs.; 25 lbs. $5.75.

Kentucky Wonder Wax. A very prolific sort, producing long, thick, almost straight pods which are of a light yellow color and of excellent quality. Pkt. 10c.; 20c. per ½lb.; lb. 35c.; 65c. per 2 lbs.; 5 lbs. $1.15; $2.00 per 10 lbs.; 25 lbs. $4.50.

If you want your Bean-patch to yield earlier and better, inoculate the seed before planting with LEGUME-AID. Whenordering, be sure to specify if wanted for garden Beans, as each leguminous crop requires a separate culture. See page 73.

Michell's Lima Beans

Haricots a rames (Fr.) Stangenbohnen (Ger.) Fagiuoli di Lima (Ital.)

Prices quoted on Beans are prepaid in quantities up to 5 pounds to the First and Second Zones; for other Zones, see Parcel Post Table on page 1. Larger quantities shipped at purchaser's expense

Pole Varieties

Two pounds will plant 100 hills; 25 to 30 pounds, an acre

Plant when all danger of frost or cold nights is over, with the eye of the Bean down. Put a liberal number in a hill, as this is cheaper than replanting. When up and established, thin out to 3 or 4 plants in a hill. The poles should be set as soon as the garden is made, in rows about 3 feet apart, with the poles about 3 feet apart in the row. It is a good plan to put a small shovelful of well-rotted cow-manure in each hill when the poles are set, so the Beans, when started, will make rapid growth and mature early.

Carpinteria. This variety retains its green color in all stages of growth, even after being dried, and with this it combines wonderful prolificness, flavor, and size. A good early variety with 4 or 5 Beans in a pod. Pkt. 10c.; 20c. per ½lb.; lb. 35c.; 65c. per 2 lbs.; 5 lbs. $1.15; $2.00 per 10 lbs.; 25 lbs. $4.50.

Challenger or **Dreer's Improved.** Although somewhat smaller than other Limas, it is very early, prolific and of delicious flavor. Pkt. 10c.; 25c. per ½lb.; lb. 40c.; 75c. per 2 lbs.; 5 lbs. $1.40; $2.50 per 10 lbs.; 25 lbs. $5.75.

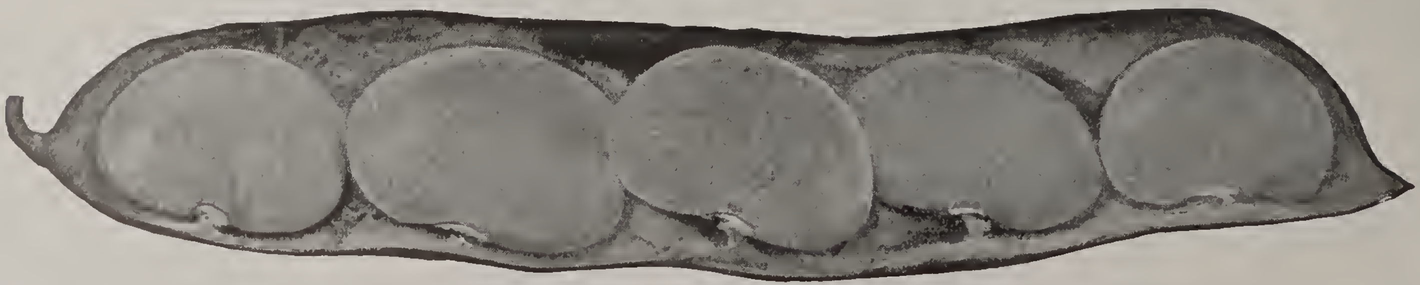
Giant-podded. Produces a heavy, stocky vine well filled with clusters of gigantic pods. Nice-sized white Beans. Pkt. 10c.; 25c. per ½lb.; lb. 40c.; 75c. per 2 lbs.; 5 lbs. $1.40; $2.50 per 10 lbs.; 25 lbs. $5.75.

King of the Garden. An old-time favorite, but still popular with the amateur as well as the market gardener. Sturdy grower, exceedingly productive, and of good flavor. Pkt. 10c.; 25c. per ½lb.; lb. 40c.; 75c. per 2 lbs.; 5 lbs. $1.40; $2.50 per 10 lbs.; 25 lbs. $5.75.

Michell's Evergreen. Anyone wishing an exceptionally early Pole Lima should plant this. It is remarkable for its productiveness and good flavor and continues bearing until frost. Pkt. 10c.; 25c. per ½lb.; lb. 40c.; 2 lbs. 75c.; $1.40 per 5 lbs.; 10 lbs. $2.50; $5.75 per 25 lbs.

Carolina or **Sieva.** Produces small flat Beans of fine quality. Heavy yielder. Pkt. 10c.; 20c per ½lb.; lb. 35c.; 65c. per 2 lbs.; 5 lbs. $1.15; $2.00 per 10 lbs.; 25 lbs. $4.50

CEDAR BEAN-POLES (Pointed). Extra-selected quality, about 10 feet long. 12 for $2.25; $4.00 per 25; 50 for $7.75; $15.00 per 100.



Pole Lima Bean

Don't throw Beet tops away; they're good greens

Bush or Dwarf Lima Beans

One pound will plant 50 feet of row

Bush Limas should be planted for early crops, as they come into bearing much sooner than the pole varieties although they are not so prolific. They are usually planted in rows about 3 feet apart, while the Beans are put in hills about 2 feet apart, 3 Beans to the hill.

Burpee's Improved. A great improvement over the old strain of Burpee's Bush Lima. The Bean is thicker, sweeter, and the bush more prolific. Pkt. 10c.; 25c. per ½lb.; lb. 40c.; 75c. per 2 lbs.; 5 lbs. $1.40; $2.50 per 10 lbs.; 25 lbs. $5.75.

Fordhook. One of the best types of Bush Lima in cultivation. Distinct, upright, vigorous growth with pods borne in clusters well above the ground and frequently containing as many as 4 thick, luscious Beans. Matures very early and continues in bearing until frost. Pkt. 10c.; 25c. per ½lb.; lb. 40c.; 75c. per 2 lbs.; 5 lbs. $1.40; $2.50 per 10 lbs.; 25 lbs. $5.75.

Henderson's. Dwarf, compact-growing variety, with large clusters of pods containing very small, flat Beans. A favorite sort for canning, but cannot be recommended for flavor. Pkt. 10c.; 20c. per ½lb.; lb. 35c.; 65c. per 2 lbs.; 5 lbs. $1.15; $2.00 per 10 lbs.; 25 lbs. $4.50.

McCrea's. Something new in a Bush Lima. An ideal sort for the home-garden, and fine for canning, as the Beans retain a green color and fine flavor. For illustration and full description, see page 44. Pkt. 15c.; 25c. per ½lb.; lb. 45c.; 85c. per 2 lbs.; 5 lbs. $1.65; $3.00 per 10 lbs.; 25 lbs. $7.00.

Wilson's Improved. Claimed to be two weeks earlier than Burpee's Improved Bush Lima. Also much more prolific, though neither the pod nor the Bean is quite as large. Pkt. 10c.; 25c. per ½lb.; lb. 40c.; 75c. per 2 lbs.; 5 lbs. $1.40; $2.50 per 10 lbs.; 25 lbs. $5.75.

Nitrogen Bacteria for Beans. If you want your Bean-patch to yield earlier and better, inoculate the seed before planting with Nitrogen Bacteria. See page 73. When ordering, be sure to specify if wanted for garden Beans, as each leguminous crop requires a separate culture.

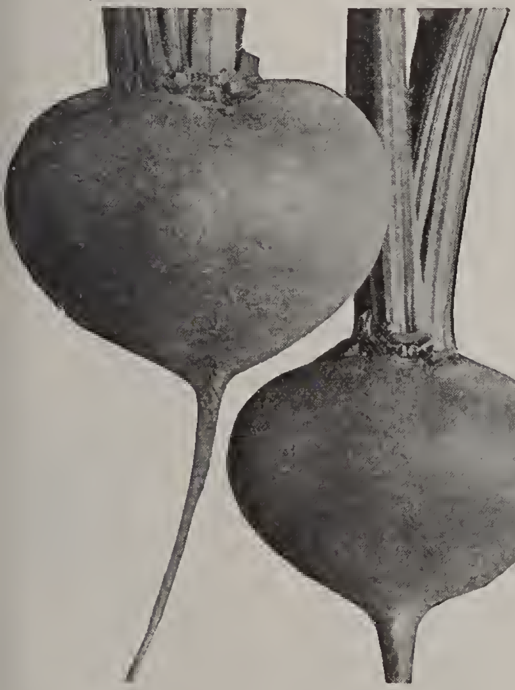
Fordhook Bush Lima Beans

MICHELL'S CHOICE BEET SEED

Betterave (Fr.) Salatrube (Ger.) Barbabietola (Ital.)

One ounce will sow a row 50 feet long; 5 pounds, an acre

Sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked; when the plants are large enough thin out to stand 4 inches apart in the row. For an early crop in hotbeds the seed should be sown in early March, while for a winter supply sow about July 10 outdoors.



Crosby's Egyptian Beets

Bassano Extra Early. A flat variety with white and rose-colored flesh. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; $1.10 per lb.

Bastian's Half-Long Blood. Used extensively for winter use. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; $1.10 per lb.

Crimson Globe. Rich deep red Beets, almost round, with a distinct delicious flavor, and very tender. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; $1.10 per lb.

Crosby's Egyptian. *Special Strain.* A special selection of the usual strain and repeated tests have proved it to be a darker red and much earlier. Pkt. 15c.; 20c. per oz.; ¼lb. 45c.; $1.25 per lb.

Crosby's Egyptian. *Usual Strain.* Especially desirable on account of its rich blood-red color throughout. An early variety and one of the best all-round table Beets. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; $1.10 per lb.

Detroit Dark Red. *Michell's Special Strain.* Carefully reselected seed from the choicest, most uniform roots. It will be found superior to the usual type of Detroit Beet. Pkt. 15c.; 25c. per oz.; ¼lb. 60c.; $1.50 per lb.

Detroit Dark Red. *Usual Strain.* Pkt. 10c.; 20c. per oz.; ¼lb. 45c.; $1.25 per lb.

Early Wonder. An extra-early, globe-shaped variety with deep blood-red, very tender flesh. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; $1.10 per lb.

Good-for-All. A new addition to the Beet family. This fine variety matures nearly as early as Crosby's Egyptian and is suitable for table or canning when half grown. It is dark red inside and out, uniform in size and shape, which is almost globular, and has a medium-sized top. See illustration, page 44. Pkt. 15c.; 20c. per oz.; ¼lb. 45c.; $1.25 per lb.

Lentz Early. Fine for sowing in hotbeds and early outdoors. Flesh red, with zone of lighter shades. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; $1.10 per lb.

Michell's Ideal. An excellent, turnip-shaped Beet of rich blood-red color, fine grained and very tender. Pkt. 10c.; 20c. per oz.; ¼lb. 45c.; $1.25 per lb.

Michell's Winter Keeper. Globe-shaped Beet with rich red, tender, sweet flesh. One of the best winter varieties. Pkt. 10c.; 20c. per oz.; ¼lb. 45c.; $1.25 per lb.

Mangel-Wurzel

Sow five pounds per acre during April and May, in thoroughly plowed, well-manured soil, in drills about 2 feet apart, and thin out to 1 foot apart in the row. Keep the weeds down by frequent hoeing and cultivating. Low ground is best adapted for Mangel-Wurzels. They provide excellent winter food for cattle, sheep, hogs, and poultry.

Golden Tankard. The best long yellow Mangel in cultivation. Matures earlier than other large sorts. Oz. 10c.; 25c. per ¼lb.; lb. 75c.; $3.50 per 5 lbs.; 10 lbs. $6.50.

Lane's Improved White Sugar. This variety attains an enormous size, growing considerably above the ground. One of the best for stock-feeding. Oz. 10c.; 25c. per ¼lb.; lb. 75c.; $3.50 per 5 lbs.; 10 lbs. $6.50.

Mammoth Long Red. An enormously productive variety, yielding from 50 to 75 tons to the acre, a single root often weighing from 20 to 40 pounds. The best long red Mangel. Oz. 10c.; 25c. per ¼lb.; lb. 75c.; $3.50 per 5 lbs.; 10 lbs. $6.50.

Swiss Chard. See next page.

BORAGE

An herb whose leaves are used as a salad. Pkt. 10c.; 25c. per oz.

CUPROCIDE (Cuprous Oxide)

A seed-protectant for treating Beet seed before sowing, to prevent the fungous disease known as damping-off. Lb. 90c.; $4.00 per 5 lbs.; 20 lbs. $14.00; $25.00 per 50 lbs.; 200-lb. drums $77.00.

Swiss Chard

SWISS CHARD

Spinach Beet

Poire (Fr.) Beisskohl (Ger.)
Bieta (Ital.)

One ounce will sow a row about 50 feet long

Readily grown from seed, when it can be used five weeks after sowing and is a continuous crop until killed by frost. The plant is cultivated for the leaves which are used for greens; the outer leaves only should be carefully pulled from the plant and the foliage part separated from the rib in preparing to cook. The former, when cooked, is served like spinach, which it resembles in taste; the ribs when boiled and served with melted butter are the equal of the finest asparagus.

Dark Green Curled. Large, dark green leaves with silvery white stems, tender and of fine flavor. Pkt. 10c.; 15c. per oz.; ¼lb. 40c.; $1.20 per lb.

Giant Lucullus. Very tall-growing, with crinkly leaves often 2 feet long. Beautiful ornamental plant for any garden. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; $1.10 per lb.

Broccoli

BROCCOLI

Broccoli (Fr.) Sparkelkohl (Ger.)
Broculi (Ital.)

One ounce will produce 3000 plants

A vegetable resembling cauliflower and often grown where the latter does not thrive. Cultural method is much the same.

Early Green Calabrese. The variety so much sought by the Italian trade, and has become quite popular in our American gardens. After the fair-sized green head is cut from the main stalk, new sprouts develop into small, loose heads. Pkt. 10c.; 30c. per oz.; ¼lb. $1.00.

Rapa or **40-Day.** A very early type of sprouting Broccoli, producing many small heads. The seed is usually broadcast thickly. Cut when about 10 to 12 inches high, just before the heads burst into bloom. Suitable for early spring or fall sowing. Makes very fine greens. Pkt. 10c.; 15c. per oz.; ¼lb. 40c.; $1.25 per lb.

White Cape. Excellent variety that forms heads of creamy white color and good flavor, quite equal to cauliflower. Pkt. 10c.; 35c. per oz.; ¼lb. $1.00.

CARAWAY

Herb used for flavoring, etc. Pkt. 10c.; 25c. per oz.

CARDOON

Large Solid. A tall-growing variety with thick, broad stalks. The leaves, when blanched like celery and cooked, are tender and of delicious flavor. Pkt. 10c.; oz. 35c.; $1.25 per ¼lb.

MICHELL'S CHOICE CARROT SEEDS

Carotte (Fr.) Mohrrübe (Ger.) Carota (Ital.)

One ounce will sow 100 feet of drill; 3 to 4 pounds, an acre

For an early crop, sow as soon as danger from frost is over, in rows 1 foot apart; when 2 inches high, thin out to stand 2 inches apart in the row. For a late crop, sow in May or June. The long sorts should be sown early; the half-long and round sorts can be sown later.

California Bunching. The roots at full maturity are almost cylindrical, 1 to 1½ inches in diameter, about 8 inches long, smooth, and free from side shoots. Red flesh of fine quality. Pkt. 10c.; 20c. per oz.; ¼lb. 50c.; $1.50 per lb.

Chantenay Half-Long. *Special Strain.* Selected for earliness and uniformity, its tenderness and fine flavor have proved it a superior stock. A stump-rooted, orange-scarlet variety, 5 inches long, with tender, fine-grained flesh. Very productive. Especially desirable for market or home use. Pkt. 10c.; 20c. per oz.; ¼lb. 50c.; $1.50 per lb.

Chantenay Half-Long. *Usual Strain.* Pkt. 10c.; 15c. per oz.; ¼lb. 40c.; $1.25 per lb.

Coreless or **Nantes Half-Long.** One of the finest medium-sized varieties. The roots are blunt-pointed, smooth, bright orange in color, and of excellent quality. Pkt. 10c.; 20c. per oz.; ¼lb. 50c.; $1.50 per lb.

Danvers Half-Long. The best variety for general crop, being a heavy yielder and excellent keeper. It is stump-rooted, 6 to 7 inches long, and rich orange in color. A first-class Carrot for all soils and valuable for both table and stock. Pkt. 10c.; 15c. per oz.; ¼lb. 40c.; $1.25 per lb.

Early Scarlet Horn. A favorite early red variety. Stump-rooted, about 6 inches long; flesh fine-grained and of good flavor. Ideal for soups. Pkt. 10c.; 15c. per oz.; ¼lb. 40c.; $1.25 per lb.

Guerande or **Oxheart.** A desirable variety on soils too hard and stiff for the longer-growing sorts, as it is not over 3 to 4 inches long. Flesh rich orange, of fine flavor. Pkt. 10c.; 15c. per oz.; ¼lb. 40c.; $1.25 per lb.

Improved Long Orange. Deep orange, 10 inches long. Yields heavily. Fair table quality; best for stock-feeding. Pkt. 10c.; 15c. per oz.; ¼lb. 40c.; $1.25 per lb.

Rubicon Half-Long. Deep orange-red flesh of finest quality; stump-rooted. Earlier than Danvers Half-Long and not quite so long. Well adapted for early forcing and for growing outside. Pkt. 10c.; 15c. per oz.; ¼lb. 40c.; $1.25 per lb.

Very Early Short Horn or **French Forcing.** An early forcing variety with a small, round root, not much larger than a Radish. It may be sown outdoors as well as under glass. Pkt. 10c.; 20c. per oz.; ¼lb. 50c.; $1.50 per lb.

White Belgian. Used principally for stock, not being desirable for the table. Produces a long, thick, white root. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; $1.00 per lb.

California Bunching Carrots

CATNIP (Herb)

For making tea: a cat tonic, etc. Pkt. 20c.

CHAMOMILE

Herb with medicinal qualities. Pkt. 15c.; 35c. per ½oz.; per oz. 60c.

MICHELL'S CHOICE CABBAGE SEED

Chou pomme (Fr.) Kopf Kohl (Ger.) Cavolo Cappuccio (Ital.)

One ounce will produce about 3000 plants; 4 ounces, enough for an acre

Our strains, the very best to be had, are selected from specimen heads in well-rogued fields. Sow seed of the early varieties in February in hotbeds and transplant, the latter part of April or early in May, to open ground, or an early sowing can be made in open ground as soon as weather permits. Set plants in rows 2 feet apart and 1 to 1½ feet apart in the row. Sow second-early varieties in April and transplant in May; late varieties in May and transplant in July, setting plants in rows 3 feet apart and 2 feet apart in rows. Never plant Cabbage in the same location two years in succession.

All seeds on this page mailed postage free

Early Varieties

Allhead. The largest of the early Cabbages. Head roundish flat and remarkably solid, excellent for winter as well as early spring. Pkt. 10c.; 30c. per oz.; ¼lb. 75c.

Babyhead. An excellent variety, characterized especially by its extreme earliness and the small size of the head, which is usually less than 6 inches across, round, firm and of fine cooking quality. It has a short stem and few small outer leaves. Plants may be set as close as 8 to 10 inches apart. An ideal variety for growing under glass and early open-ground planting. Pkt. 15c.; 30c. per ½oz.; oz. 50c.; $1.50 per ¼lb.

Charleston or **Large Wakefield.** Similar to Extra-Early Jersey Wakefield, but the heads are more blunt, equally as solid, grow almost twice the size, and mature one week later. Pkt. 10c.; 30c. per oz.; ¼lb. 80c.

Copenhagen Market. An early, round-headed variety, following Golden Acre. The heads frequently weigh as much as 10 pounds. Our stock is imported and the best the market affords. Pkt. 10c.; 30c. per oz.; ¼lb. 80c.

Extra-Early Jersey Wakefield. One of the finest types of early Cabbage. Uniform, pointed heads. Outer leaves form a protection for the heads, permitting it to be set out earlier than other sorts. Pkt. 10c.; 25c. per ½oz.; oz. 45c.; $1.25 per ¼lb.

Golden Acre. An early variety with dwarf plants and round, solid, uniform heads of medium size, averaging 5 pounds in weight. Has but few outer leaves, making it suitable for close planting. Follows the Babyhead in earliness yet it is 10 days earlier than Copenhagen Market. Pkt. 10c.; 20c. per ½oz.; oz. 35c.; $1.00 per ¼lb.

Henderson's Early Summer. Heads of medium size, roundish flat, and solid. Fine for following the early types. Pkt. 10c.; 25c. per oz.; ¼lb. 75c.

Golden Acre Cabbage

Late or Winter Varieties

All Seasons or **Vandergaw.** Very large head, round and solid, valuable for late summer or winter use. Pkt. 10c.; 30c. per oz.; ¼lb. 75c.

Danish Ballhead. *Tall Stem.* This excellent variety is unequaled for its massiveness, weight and keeping qualities. It is ideal for boiling, cole slaw, sauerkraut, etc., being crisp, tender, and sweet. Does well under almost any condition of moisture or drought. Pkt. 10c.; 20c. per ½oz.; oz. 35c.; $1.00 per ¼lb.

Danish Roundhead. *Short Stem.* Heads exceptionally hard, excellent for sauerkraut as well as for winter storing. Pkt. 10c.; 20c. per ½oz.; oz. 35c.; $1.00 per ¼lb.

Late Flat Dutch. This seed has been selected especially for our trade, being taken from the finest type of heads, chosen for solidity and uniformity. Large heads of unsurpassed quality. Pkt. 10c.; 20c. per ½oz.; oz. 35c.; $1.00 per ¼lb.

Mammoth Red Rock. An excellent red variety and a good winter keeper. Heads globe-shaped, slightly flattened, and very hard. Pkt. 10c.; 20c. per ½oz.; oz. 35c.; $1.00 per ¼lb.

Perfection Drumhead Savoy. A beautiful crimped-leaved sort with almost round, deep glossy green heads. Savoy Cabbage is distinctly flavored, being much sweeter than the other kinds. Pkt. 10c.; 20c. per ½oz.; oz. 35c.; $1.00 per ¼lb.

Red Dutch Drumhead. A red variety used extensively for pickling, and for cole slaw it has merits over the white kinds. It is principally used for winter, keeping well until spring. Pkt. 10c.; 20c. per ½oz.; oz. 35c.; $1.00 per ¼lb.

Chinese or Celery Cabbage

A native of China and distinct from other Cabbage. It grows like Romaine lettuce, and makes a tasty salad, having a delightful flavor. Seed should be sown the latter part of July, in rows 2½ feet apart, and the plants thinned out to 18 to 20 inches in the rows; if sown too early the heat causes it to run to seed. The heads mature in 8 to 10 weeks.

Pe-Tsai. Resembles in appearance and growth a head of Romaine lettuce. Heads are firm. Grows somewhat taller than Wong Bok, but not as thick through. Pkt. 10c.; oz. 25c.; 65c. per ¼lb.

Wong Bok. Does not grow quite as tall as Pe-Tsai, but is thicker through. Heads are elongated, self-folding, and require no blanching. Pkt. 10c.; oz. 25c.; 65c. per ¼lb.

Garden Book

By DAVIS

244 pages. Price, $1.25

Cabbage Plants

	100	By P.P.	1000
Early Sorts. Hotbed-grown	$0 75	$0 85	$6 50
Early Sorts. Coldframe-grown	1 00	1 10	8 50
Late Sorts. Field-grown	65	75	5 50

Early Snowball Cauliflower

CAULIFLOWER

Chou-fleur (Fr.) Blumenkohl (Ger.)
Cavol Fiore (Ital.)

One ounce will produce about 3000 plants

Sow seed in hotbeds or window-boxes, in February or March, and transplant in coldframes. When hard frosts are over, plant outdoors. For second crop, sow in April and set out in May; for late crop, sow in June and set out in July. Plants should be set in rows 3 feet apart, 2 feet apart in the row.

Danish Giant or **Dry Weather.** An ideal variety for summer use, as it stands drought and heat better than other sorts. Enormous snow-white heads. Later than other varieties. Pkt. 25c.; 50c. per large pkt.; ¼oz. $1.25; $2.00 per ½oz.; oz. $3.50.

Early Selected Erfurt. One of the earliest varieties. Medium-sized heads. Pkt. 20c.; 45c. per large pkt.; ¼oz. $1.00; $1.75 per ½oz.; oz. $3.00.

Early Snowball. Fine for either forcing under glass in coldframes or outdoor spring planting. Produces magnificent, medium-sized, white heads. Pkt. 25c.; 50c. per large pkt.; ¼oz. $1.25; $2.00 per ½oz.; oz. $3.50.

Half-Early Paris. A small-headed variety suited only to growing outdoors. Pkt. 15c.; 85c. per ½oz.; oz. $1.50.

Michell's Earliest Snowstorm. Colossal heads of purest white, often 10 inches in diameter. Especially desirable for its earliness under glass, but does equally well in late spring, summer, or autumn outdoors. Pkt. 25c.; 50c. per large pkt.; ¼oz. $1.50; $2.50 per ½oz.; oz. $4.00.

Veitch's Autumn Giant. A very desirable, large, late variety. Pkt. 10c.; 45c. per ½oz.; oz. 65c.; $1.75 per ¼lb.

Cauliflower Plants

Ready April 1

Snowball variety only. Pot-grown plants, 10c. each; doz. $1.00; $6.00 per 100. *Not mailable.*

CHERVIL

One ounce will sow a row 50 feet long

An aromatic plant used extensively in Europe as a salad garnishing and seasoner. Sow in rows like parsley, which it somewhat resembles. For a continuous crop, sow every two weeks; if one has heated frames or a greenhouse, it can be sown under glass all winter or in hotbeds in February. It can be cut 4 to 5 weeks after sowing.

Double Curled. Pkt. 10c.; 20c. per oz.; ¼lb. 70c.

Do you grow Chicory? It is fine in winter

MICHELL'S CHOICE CELERY

Celeri (Fr.) Sellerie (Ger.) Sedano (Ital.)

One ounce will produce 3000 to 5000 plants; ½ pound will sow an acre

Sow in hotbeds in March, or in open ground in April. See that no weeds infest the seed-bed. When 3 inches high, transplant in a bed outdoors in rows 3 inches apart each way; let them remain there until July, when they should be planted where they are to mature, in rows 3 feet apart, 6 inches apart in the row. Celery plants, if topped a few times, before and when transplanted into their permanent growing-place, will make shorter, stockier plants.

Seeds offered on this page mailed postpaid at quoted prices

Early Varieties

Easy-Blanching. *Pennsylvania-grown Seed. Special Strain.* A very much improved type. Stalk very large, fine-grained, and of delicious flavor. Plants set out in June are fully matured and ready for use the early part of September. Our seed is grown for us by one of the leading market gardeners of Pennsylvania. Pkt. 15c.; 60c. per ½oz.; oz. $1.10; $3.75 per ¼lb.

Easy-Blanching. *Usual Strain.* An excellent early variety, being ready in October. Enormous, very crisp stalks. Pkt. 10c.; 25c. per ½oz.; oz. 45c.; $1.40 per ¼lb.

Golden Plume. *Special Strain.* This strain has proved worthy of especial mention as to earliness, type, and general appearance; in other words, it is perfection. A trial will convince you. Pkt. 20c.; 70c. per ½oz.; oz. $1.25; $4.25 per ¼lb.

Golden Plume Celery

Early Varieties, continued

Golden Plume. *Usual Strain.* Matures very early and blanches very quickly. Crisp, tender, stringless stalks of finest flavor. Pkt. 10c.; 35c. per ½oz.; oz. 60c.; $1.60 per ¼lb.

Golden Self-Blanching. *American-grown Seed.* One of the earliest and most productive sorts. The beautiful golden stalks attain a height of 1½ feet, are never pithy, and of excellent flavor. Ready in October, but may be kept for early winter use. Pkt. 10c.; 35c. per ½oz.; oz. 60c.; $1.75 per ¼lb.

Pink Plume. A very solid, crisp, desirable sort. When blanched, the stalks are a beautiful rose-pink. Pkt. 15c.; 40c. per ½oz.; oz. 65c.; $2.25 per ¼lb.

White Plume. The standard early Celery for market and the home-garden. The stalks and heart blanch very quickly to almost a pure white; very crisp and brittle. Can be used early in November. Pkt. 10c.; 20c. per ½oz.; oz. 35c.; 85c. per ¼lb.

Late Winter Varieties

Emperor. Dwarf-growing, very brittle, and of extra-fine flavor. A good winter keeper. Pkt. 10c.; 25c. per ½oz.; oz. 45c.; $1.40 per ¼lb.

Giant Pascal. Thick, meaty, tender stalks of unsurpassed flavor. One of the best varieties because of its long season, being fit for table use in October and keeps well into spring. Pkt. 10c.; 20c. per ½oz.; oz. 35c.; $1.10 per ¼lb.

Winter King. Perfectly solid, crisp, and of delicious flavor. Good keeper. Pkt. 10c.; 20c. per ½oz.; oz. 35c.; $1.10 per ¼lb.

Winter Queen. A medium-tall, solid variety that will retain its qualities long through the winter. The heart is very full and large. Pkt. 10c.; 20c. per ½oz.; oz. 35c.; 85c. per ¼lb.

Celery Plants

Ready in July

Leading varieties. 60c. per 100 (by Parcel Post, 75c.); per 1000, $5.50.

CELERIAC

This is a two-purpose vegetable: the leaves are cut when young and used to flavor soups and meats; the roots are boiled, sliced, cooled, and served as a salad.

Giant Prague. Pkt. 10c.; 35c. per oz.; ¼lb. 85c.

Celery for Flavoring

NOT FOR SOWING

¼lb. 35c.; $1.00 per lb.

CHIVES · Schnittlauch

Indispensable for flavoring certain dishes, imparting a mild taste of onion. The plants are hardy and will last for years. Don't cut the plant too close when gathering. For winter use, lift and plant in a pot or box and place in a sunny window in the kitchen.

Seed. Pkt. 10c.; 30c. per ½oz.; oz. 50c.

Strong Plants. 20c. each; doz. $2.00; $12.00 per 100.

Witloof Chicory

CHICORY

One ounce will sow a row 100 feet long

Witloof or **French Endive.** The roots are easily produced from seed, sown in May or June, in rows 1 foot apart; thin out the plants to 2 or 3 inches. They are taken up after a few hard frosts and cared for the same as turnips or similar crops. Used only as a winter vegetable, the top part only being edible. Plant under a bench in the greenhouse or a light, dry, warm portion of a cellar in a bed of rich garden soil 1 foot deep. Place about 6 inches apart each way. The top-growth remains intact, and may be cut any time after 5 inches of growth. Roots should be set in the soil the same depth as they were originally in the garden. A continuous supply of this delicious winter vegetable can be had all winter. A coldframe makes also an ideal place for forcing them in the late winter or early spring months. Pkt. 10c.; 20c. per oz.; ¼lb. 65c.; $2.00 per lb.

CITRON

Preserving Melon

This will be found described under Melons. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; 85c. per lb.

COLLARDS

One ounce of seed will produce 3000 plants

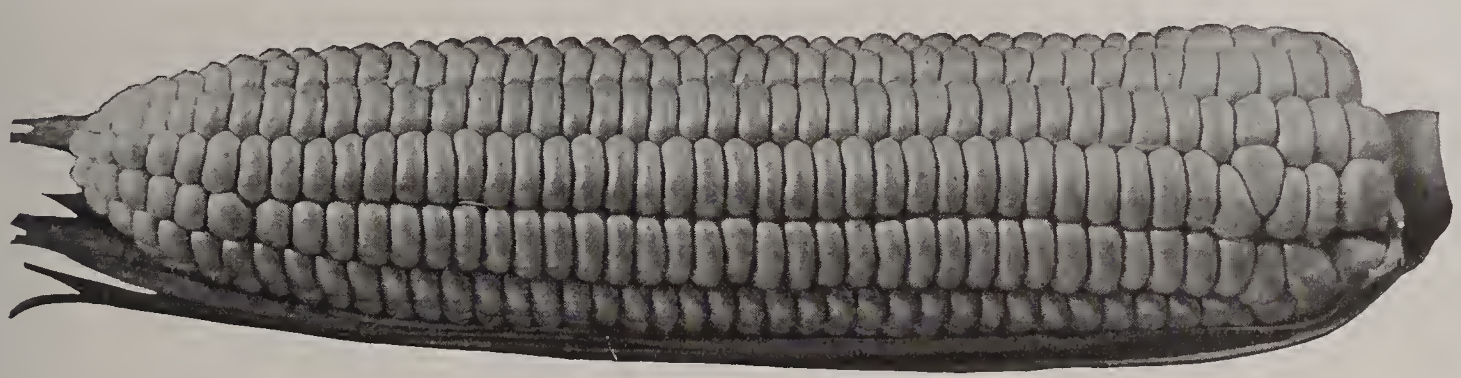
These are extensively grown in the South and used as greens during the winter months. In that latitude the plant is practically hardy. The lower leaves are pulled off and used; new ones then form on the upper part of the stem, which increases in height. Planted much like cabbage.

Georgia or **Southern.** Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; 85c. per lb.

CORIANDER

Herb used for flavoring, etc. Pkt. 10c.; 25c. per oz.

See page 72 for complete list of Vegetable Plants



Golden Cross Bantam Sugar Corn

MICHELL'S SELECTED SUGAR CORN

Mais (Fr.) Mais (Ger.) Grano Turco (Ital.)

One pound will plant about 150 hills; 12 to 15 pounds, an acre

Plant once a week from the time the ground is permanently warm until July 15, 6 to 8 grains in a hill 3 feet apart each way, and thin out when 4 inches high to 3 or 4 plants to the hill, or plant in rows 3 feet apart and thin out so the plants stand 1 foot apart. Early varieties should be planted for a late crop to be sure of maturity.

Prices quoted on Sugar Corn are prepaid in quantities up to 5 pounds to the First and Second Zones; for other Zones, see Parcel Post Table on page 1. Larger quantities shipped at purchaser's expense

Early Varieties

Adams Extra Early. Medium-sized ears; pure white grains, not entirely sweet. Pkt. 10c; 20c. per ½lb.; lb. 30c.; 55c. per 2 lbs.; 5 lbs. $1.00; $1.70 per 10 lbs.; 25 lbs. $3.75.

Early Mayflower. Slightly earlier than Golden Bantam. Ears long and well filled for an early Corn. Grains tender and of excellent flavor. Pkt. 10c.; 20c. per ½lb.; lb. 35c.; 65c. per 2 lbs.; 5 lbs. $1.25; $2.30 per 10 lbs.; 25 lbs. $5.25.

Golden Bantam. While yellow in color this is one of the sweetest and earliest varieties. Ears medium size; kernels tender and delicious. We recommend it very highly for the home-garden. Pkt. 10c.; 25c. per ½lb.; lb. 40c.; 75c. per 2 lbs.; 5 lbs. $1.50; $2.80 per 10 lbs.; 25 lbs. $6.25.

Golden Cross Bantam. A new disease-resistant variety. This hybrid of the Bantam type is earlier and grows much larger stalks than the regular Bantam strain. Ears are 7 to 8 inches long, with 12 to 14 rows of fair-sized kernels. The best of the yellow varieties developed up to the present time. Ready for use in about 86 days from planting. Pkt. 15c.; 35c. per ½lb.; lb. 60c.; $1.15 per 2 lbs.; 5 lbs. $2.50; $4.50 per 10 lbs.; 25 lbs. $10.00.

Golden Giant. Ears about 11 inches long, well filled out from butt to tip with deep golden yellow grains. Pkt. 10c.; 20c. per ½lb.; lb. 35c.; 65c. per 2 lbs.; 5 lbs. $1.25; $2.30 per 10 lbs.; 25 lbs. $5.25.

Golden Sunshine. Especially desirable for its extreme earliness, maturing 7 to 10 days before Golden Bantam. Dwarfer in habit. Ears 6½ inches long with 12 rows of broad, yellow, sweet grains. Pkt. 10c.; 25c. per ½lb.; lb. 40c.; 75c. per 2 lbs.; 5 lbs. $1.50; $2.80 per 10 lbs.; 25 lbs. $6.25.

Whipple's Early Yellow. Produces a large ear of exceptional quality. A fine Corn for the garden and commercial growers as well. Stalks large, often producing two marketable ears 8 to 9 inches long with 14 rows of broad, deep kernels. Pkt. 10c.; 20c. per ½lb.; lb. 35c.; 65c. per 2 lbs.; 5 lbs. $1.25; $2.30 per 10 lbs.; 25 lbs. $5.25.

Medium Varieties

Bantam Evergreen. A yellow variety noted for its excellent qualities. It is much larger than Golden Bantam and claimed to be more productive and much earlier. An excellent variety for mid- and late-season planting. Pkt. 10c.; 20c. per ½lb.; lb. 35c.; 65c. per 2 lbs.; 5 lbs. $1.25; $2.30 per 10 lbs.; 25 lbs. $5.25.

Black Mexican. The grains of this medium-early variety cook white when young and a violet shade on the outside when older, but are good in both stages. Ears medium size. Pkt. 10c.; 20c. per ½lb.; lb. 35c.; 65c. per 2 lbs.; 5 lbs. $1.25; $2.30 per 10 lbs.; 25 lbs. $5.25.

Early Evergreen. Closely allied to Stowell's Evergreen in shape and flavor, but ripens about 10 days earlier. Large, well-shaped ears, with deep grains. Pkt. 10c.; 20c. per ½lb.; lb. 35c.; 65c. per 2 lbs.; 5 lbs. $1.25; $2.30 per 10 lbs.; 25 lbs. $5.25.

Howling Mob. A fine sort for the market gardener, as well as for home use. Might be classed worm-proof, since the husk covers the ear completely. Pkt. 10c.; 20c. per ½lb.; lb. 35c.; 65c. per 2 lbs.; 5 lbs. $1.25; $2.30 per 10 lbs.; 25 lbs. $5.25.

Kendel's Early Giant. Large, very cylindrical ears, with deep, well-flavored extra-sweet grains. An ideal sort for the first and last planting. Pkt. 10c.; 20c. per ½lb.; lb. 35c.; 65c. per 2 lbs.; 5 lbs. $1.25; $2.30 per 10 lbs.; 25 lbs. $5.25.

Michell's Delicious. An excellent variety, stock of which has been reselected each year. The ears are well filled, medium in size and mature after the early varieties. Pkt. 10c.; 20c. per ½lb.; lb. 35c.; 65c. per 2 lbs.; 5 lbs. $1.25; $2.30 per 10 lbs.; 25 lbs. $5.25.

Philadelphia Favorite. A grand variety of Pennsylvania origin and marketed in Philadelphia and vicinity for a number of years. Stalks 4½ to 5 feet high and often produce 2 nice ears, averaging 8 to 9 inches in length. Kernels pearly white and deliciously sweet. Matures in 75 to 78 days, depending on location. Pkt. 10c.; 25c. per ½lb.; lb. 40c.; 75c. per 2 lbs.; 5 lbs. $1.50; $2.80 per 10 lbs.; 25 lbs. $6.25.

Stabler's Extra Early. This is the standard sort for the home-garden. The large ears are well covered with even grains which cook pure white and are very tender. Pkt. 10c.; 20c. per ½lb.; lb. 35c.; 65c. per 2 lbs.; 5 lbs. $1.25; $2.30 per 10 lbs.; 25 lbs. $5.25.

Late Varieties

Country Gentleman. A distinct sort, with deep, fine grains irregularly placed on the cob. In sweetness it is unapproached. Ears large. A very productive and desirable variety. Pkt. 10c.; 20c. per ½lb.; lb. 35c.; 65c. per 2 lbs.; 5 lbs. $1.25; $2.30 per 10 lbs.; 25 lbs. $5.25.

Little Gem or **Shoe Peg** (Ne Plus Ultra). This variety is closely allied to Country Gentleman. Pkt. 10c.; 20c. per ½lb.; lb. 35c.; 65c. per 2 lbs.; 5 lbs. $1.25; $2.30 per 10 lbs.; 25 lbs. $5.25.

Stowell's Evergreen. The best late Corn grown. Ears extra large, and produced in abundance. Its sweetness is unexcelled. Pkt. 10c.; 20c. per ½lb.; lb. 35c.; 65c. per 2 lbs.; 5 lbs. $1.25; $2.30 per 10 lbs.; 25 lbs. $5.25.

Popular Collection—Choicest Sugar Corn

Golden Bantam. Early.
Howling Mob. Early.
Stowell's Evergreen. Late.

Plant every two weeks, in rotation as given. Specially priced as follows: 1 pkt. of each for 25c.; 1 lb. of each for 90c., postpaid.

Pop Corn (Shelled)

Queen's Golden. Pops white.
Snowflake.

Lb. 20c. (by Parcel Post, 30c.); 55c. for 3 lbs. (by Parcel Post, 70c.).

Corn-Poppers

Made of the best-quality wire. Price includes handle and lid. 1-qt. size 25c.; 2-qt. size 50c.

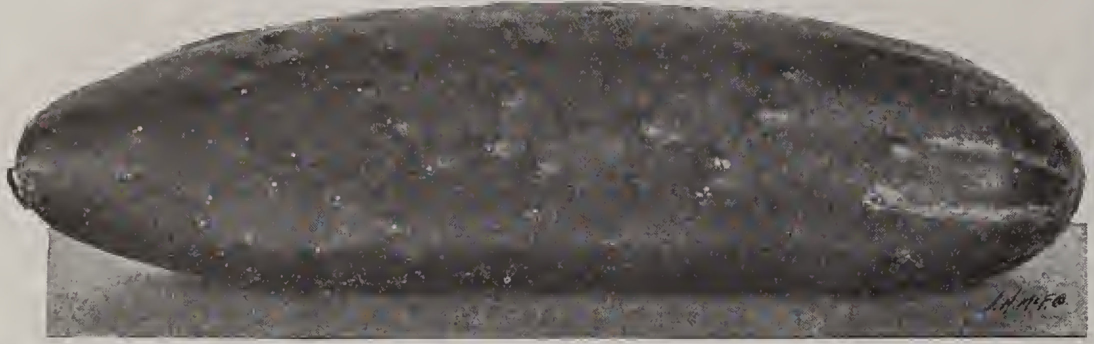
CORN SALAD · Fetticus

Mache Ronde (Fr.) Ackersalat (Ger.)

This is principally sown for a supply of greens during winter and early spring months. Sow thinly in drills, early in the spring or during August and September. When cold weather approaches, cover with a litter of leaves or long manure or straw; upon the approach of spring the covering can be taken off entirely.

Large-leaved, Round-seeded. Pkt. 10c.; 15c. per oz.; ¼lb. 45c.; $1.35 per lb.

A freshly picked Cucumber is as crisp as a frosty morning



Arlington White Spine Cucumber

MICHELL'S CUCUMBERS

Concombre (Fr.) Gurken (Ger.) Cetriolo (Ital.)

One ounce will sow 60 hills; 2 to 3 pounds, an acre

Plant when the ground has become thoroughly warmed, in hills 4 feet each way, 8 seeds in a hill. When the second set of leaves has formed, thin out to 4 plants in a hill. A type of beetle attacks this crop occasionally, which can be conquered by spraying the vines with Arsenate of Lead; when this is used, always wash the fruits thoroughly before using. If the foliage is attacked beneath by aphis or green fly, a spraying with Black-Leaf 40 is usually very effective.

Arlington White Spine. This variety is perfect in form, color, size, and productiveness, and is, therefore, the leading sort, not only for the home- or market-garden, but also with those who make a specialty of growing them under glass. Fruits smooth, deep green to the tip, and measure uniformly 8 inches in length. It has few seeds, making it a valuable variety for slicing or pickling. Pkt. 10c.; 20c. per oz.; ¼lb. 60c.

Davis Perfect. Fruits uniform in shape and size, often measuring 10 to 12 inches in length, dark green all over, quite smooth. Very productive. Pkt. 10c.; 20c. per oz.; ¼lb. 60c.

Early Fortune. One of the finest Cucumbers of the White Spine type. The medium-length, dark green fruits hold their color for a long time after pickling; flesh white, very crisp. Pkt. 10c.; 20c. per oz.; ¼lb. 60c.

Early Market. A new dark green variety of uniform shape and size, averaging 8 inches in length. Excellent for slicing. Pkt. 10c.; 20c. per oz.; ¼lb. 60c.

Gherkin or **Burr.** For pickling only. The small fruits are about 2 inches long, of thick, rounded form, very prickly when green. Pkt. 10c.; 30c. per oz.; ¼lb. 85c.

Improved Long Green. Well-known standard variety, used principally for slicing. Its dark color makes it desirable for market. The vines are vigorous and productive. Fruits are formed almost as early as the short sorts and average 1 foot in length. Pkt. 10c.; 20c. per oz.; ¼lb. 60c.

Japanese Climbing. A trellis variety used for shade as well as eating purposes. The vine is very ornamental and produces extra-long, light green fruits in abundance. Pkt. 10c.; 25c. per oz.; ¼lb. 75c.

Jersey Pickle or **Green Prolific.** This sort can be used for slicing, but is best for pickling on account of its size, which averages 5 inches in length. Makes ideal "dill pickles" as sold extensively in the delicatessen stores. Pkt. 10c.; 20c. per oz.; ¼lb. 60c.

GARDEN CRESS

Sow thickly in early spring, in drills 1 foot apart, and follow every two weeks, up to August 1, with a new sowing. Its pungent taste is acceptable to almost anyone who is fond of garden greens. It is eaten prepared with either a little salt and vinegar, or without. Makes a very tasty salad.

Extra Curled. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; 85c. per lb.

WATER CRESS

This may be sown early in spring near the brink of a pond of spring-water or stream of running water. Scatter the seed and it will sprout and grow with great rapidity; once established, it remains for years, reseeding itself.

True Erfurt. Pkt. 10c.; 20c. per ½oz.; oz. 35c.; $1.25 per ¼lb.

DILL

An herb used extensively for culinary purposes and for putting with Cucumbers when pickling. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.

NOTE: All seeds on this page sent postpaid at quoted prices.

DANDELION

Pissenlit (Fr.) Loewenzahn (Ger.)
Dente de leone (Ital.)

A valuable vegetable, prized as the first spring Greens. The leaves are boiled and served hot or cold. Seed should be sown in spring, in a bed where the plants should remain for the season; late in the fall, cover the bed with a movable sash or leaves or salt hay for protection.

Italian (*Cichoria Catalogna*). A new introduction in this country and in great demand as greens The main stalk produces leaves resembling the broad-leaved variety, but much greater in length. It is cut and bunched same as asparagus. See illustration, page 46. Pkt. 10c.; 35c. per oz.; ¼lb. $1.00.

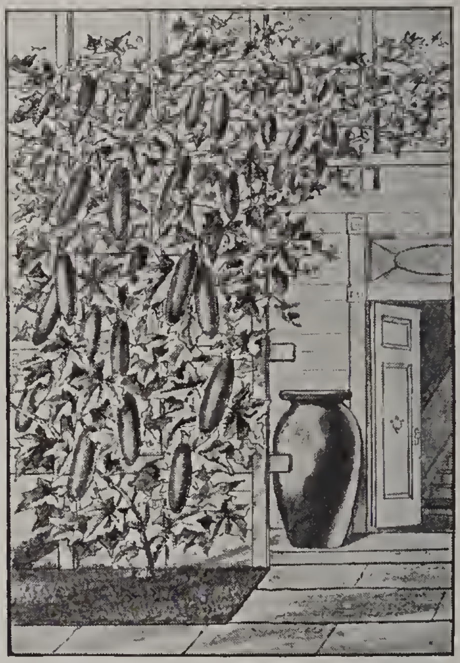
Thick-leaved or **Cabbaging.** Pkt. 10c.; 30c. per ½oz.; oz. 50c.; $1.50 per ¼lb.

EGGPLANT

Aubergine (Fr.) Eierpflanze (Ger.)
Petonciano (Ital.)

One ounce will produce 1000 to 2000 plants

Sow seed in March in hotbeds, and when 3 inches high transplant into boxes or small pots. Plant outdoors in May or June or after the weather has become permanently warm, in rows 3 feet apart, with the plants set 2 feet apart in the row.



Japanese Climbing Cucumber

English Forcing Cucumbers

These are fine for growing in hotbed frames during the summer months, in preference to the open ground. They may also be grown under glass in greenhouses during the winter, producing enormous fruits, generally 1½ to 2 feet long and 3 inches in diameter. They have a delicate flavor and very few seeds; for slicing, no other sorts can approach them.

	Pkt. 10 seeds	100 seeds
Lockie's Perfection. A favorite standard variety	$0 25	$2 25
Sion House	25	2 25
Telegraph. Smooth fruits, 14 to 16 inches long	25	2 25
Tender and True. Long	25	2 25

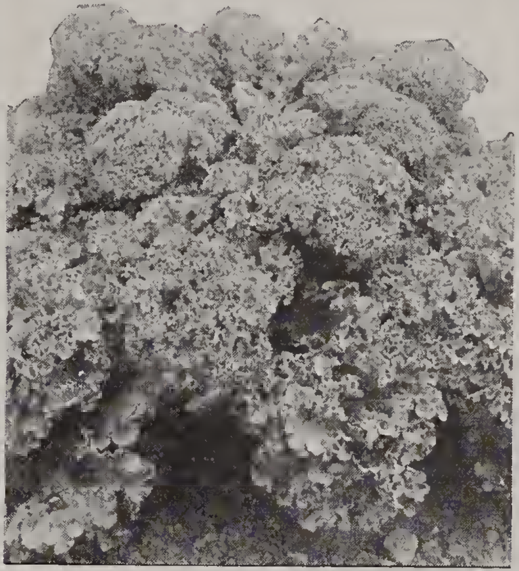
Eggplant, continued

Black Beauty. An extra-early, large, almost black variety with few seeds. Very prolific. Pkt. 10c.; 25c. per ½oz.; oz. 45c.; $1.20 per ¼lb.

New York Improved. An old standard sort that is quite large and more elongated than Black Beauty, with a rich purple color. Pkt. 10c.; 25c. per ½oz.; oz. 45c.; $1.20 per ¼lb.

EGGPLANT PLANTS (*Ready May 15*)
New York Improved and **Black Beauty.** Pot-grown. Doz. 75c.; $6.00 per 100. *Not mailable.*

Green Curled Endive


Dwarf Green Curled Kale

Kohlrabi

ENDIVE · CHICORY

Chicoree (Fr.) Endivien (Ger.)
Indivia (Ital.)

One ounce will sow 200 feet of row

Sow from June to August, in shallow drills; when 2 inches high, thin out to 10 inches apart. When well developed, tie the plants together at the top, to blanch the inner leaves; do not tie up when the leaves are wet. If the plants are protected they may be left outdoors till Christmas. If wanted for later use they may be lifted late in autumn and placed in a dry, cool cellar, covering the roots with soil.

Full-Heart Batavian (Escarolle). Leaves broad, light green, nearly plain. Pkt. 10c.; 20c. per oz.; ¼lb. 60c.

Giant Fringed. Oyster Endive. Large, white heart and broad, fringed leaves. Heads measure 15 inches in diameter. Pkt. 10c.; 20c. per oz.; ¼lb. 50c.

Improved Green Curled. An improvement over the common green variety, producing a larger head and thicker leaves. Pkt. 10c.; 20c. per oz.; ¼lb. 50c.

White Curled (Self-blanching). This is the finest White Curled variety; always crisp and tender. Pkt. 10c.; 20c. per oz.; ¼lb. 50c.

FENNEL

Finocchio or **Florence.** Herb. See illustration, page 46. Pkt. 10c.; 25c. per oz.

Sweet. Herb. Pkt. 10c.; 20c. per oz.

HERBS

See complete list on page 71.

GARLIC SETS

Ail (Fr.) Knoblauch (Ger.) Aglio (Ital.)

One pound will sow 200 feet of row

A hardy flavoring Onion, used extensively in the French method of cooking. Lb. 30c. (by Parcel Post, 40c.); $1.40 per 5 lbs. (by Parcel Post, $1.55); 10 lbs. $2.50 (by Parcel Post, $2.70).

HOP-VINE

Besides being used for culinary and medicinal purposes, this makes a valuable shade plant. It is hardy and rarely winter-kills. The Hops are gathered about September and stored for use on a dry floor, or hung in bags.

Green Variety. *Pot-grown Plants.* 25c. each; doz. $2.50.

HORSERADISH ROOTS

Ready in March

Set the roots in rows 2½ feet apart, 1½ feet apart in the row. Late in the fall lift as many roots as you think you will use, cut off the top, and place in a cool cellar, covered with soil or sand.

Maliner Kren. A quick-growing variety far superior to the common sorts. Large cuttings, 35c. per doz. (by Parcel Post, 45c.); per 100, $1.50 (by Parcel Post, $1.65); $10.00 per 1000.

KALE · BORECOLE

Chou Vert (Fr.) Blatterkohl (Ger.)
Cavolo Verde (Ital.)

One ounce will sow 150 feet of row

For early use it may be sown in May; when desired for winter use, sow in September, broadcast or in rows 2 feet apart. Cover for protection against severe freezing and snow. Do not handle while in a frozen condition. One of the finest nutritious greens for winter and early spring use.

Dwarf Blue Scotch. A hardy strain with finely curled foliage having a distinct blue tinge. Pkt. 10c.; 20c. per oz.; ¼lb. 45c.; $1.25 per lb.

Dwarf Green Curled. Very dwarf and compact, rarely attaining a height of over 6 inches. Dark green; very curly. Pkt. 10c.; 20c. per oz.; ¼lb. 45c.; $1.25 per lb.

Imperial Long-standing. The outer edges of the leaves are very crimpy, inside smooth, dark green, with bluish cast. Hardy and productive. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; $1.00 per lb.

Siberian. A very hardy variety with large leaves that cook very tender. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; 85c. per lb.

KOHLRABI

Chou Rave (Fr.) Kohlrabi (Ger.)
Cavolo rapa (Ital.)

One ounce will sow about 200 feet of row;
3 pounds, an acre

We would suggest to those who have not given this a trial that they do so. Sow seed in early spring, in hotbeds or outdoors, and transplant when 3 inches high, in rows 1½ feet apart, 6 inches apart in the row. The edible part is the root, which should be used when it attains a size of 2½ inches in diameter or less, when it is extremely tender.

Purple Vienna. Flesh white; skin a bluish color. Principally used for outdoor sowing. Pkt. 10c.; 30c. per oz.; ¼lb. 70c.; $2.25 per lb.

Kohlrabi, continued

Early White Vienna. This variety is suited for sowing under glass or outdoors. The top is very short, thus allowing all the development to go to the root, insuring early maturity. Pkt. 10c.; 30c. per oz.; ¼lb. 70c.; $2.25 per lb.

LAVENDER

Herb whose fragrant dried flowers are used in sachets. Pkt. 10c.; 40c. per oz.

Lavender Plants

Pot Grown

30c. each; doz. $3.00.

LEEK

Poireau (Fr.) Lauch (Ger.) Porro (Ital.)

One ounce will sow about 100 feet of row

Allied to the onion family, but producing no bulb. The stalks are cut and used for flavoring soups or boiled and served with melted butter, when they make a very palatable dish on account of their mild flavor. Sow seed in April, in rows 1 foot apart, covering the seed about an inch; when about 4 inches high, transplant where they are to grow, in rich soil in rows 1½ feet apart, 6 inches apart in the row.

American Flag. Popular for the home-garden. Makes a longer but narrower stalk than others. Pkt. 10c.; 30c. per oz.; ¼lb. 85c.

Giant Carentan. Produces colossal stalks of tender quality. Excellent for exhibition purposes. Pkt. 10c.; 30c. per oz.; ¼lb. 85c.

Giant Carentan Leek

Fresh Lettuce! One of the finest of green vegetables

MICHELL'S CHOICE STRAINS OF LETTUCE

Laitue (Fr.) Lattich Salat (Ger.) Lattuga (Ital.)

One ounce will produce about 2500 plants

All prices on this page include postage

Iceberg Lettuce

Big Boston Lettuce

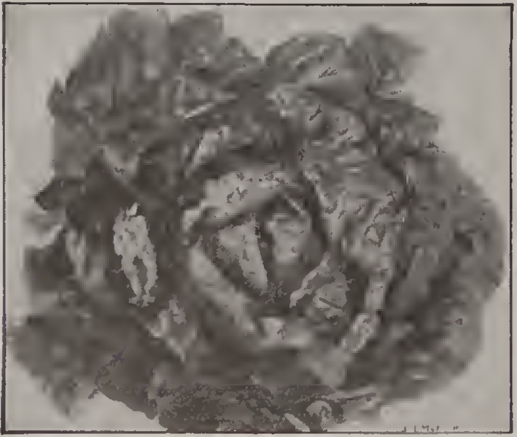
Heading Varieties

For the first outdoor crop, seed is usually sown in hotbeds in February or March and transplanted to the garden in April in rows 1½ feet apart, 8 to 12 inches apart in the row. For a succession, sow in drills in the open ground at intervals of two or three weeks and thin out to 8 inches apart. For plants to force in hotbeds from November until spring, sow seeds in hotbeds in the fall. Where it is difficult to have the heading varieties develop properly on account of soil condition, we recommend the use of the loose-leaf varieties.

All Heart. An excellent Lettuce for either spring or summer use. The head, while large, has a loose heart, which is of a decided buttery flavor. Can be used for sowing in frames, or in spring and early summer outdoors. Pkt. 10c.; 15c. per oz.; ¼lb. 50c.

All Right. This is a fine variety for an early spring crop in the hotbed or outdoors, and for sowing in August for late autumn under sash or outside. It is not affected by cold, which turns some sorts brown, but it retains its rich green color. Heads are large, solid, and with a rich buttery heart of light yellow. Pkt. 10c.; 20c. per oz.; ¼lb. 60c.

See next page for Lettuce Plants



May King Lettuce

Heading Varieties, continued

Big Boston. A large, flat, cabbage-headed variety that is excellent for midsummer or fall use, or under glass in the early spring and autumn. Delightful shade of light green, tinged light brown on the outer leaves. Pkt. 10c.; 20c. per oz.; ¼lb. 60c.

Boston Market (White-seeded Tennisball). Early, small heading variety. One of the best for forcing. Heart is very solid and crisp. Pkt. 10c.; 20c. per oz.; ¼lb. 60c.

Davey's Improved Big Boston. Heads are similar in size and compactness to Big Boston, but slightly earlier and minus the brown tinge on outer edges of the leaves. Pkt. 10c.; 25c. per oz.; ¼lb. 65c.

Iceberg. A fine variety, producing large, solid, cabbage-like heads, firm, crisp, and of fine flavor. Leaves curly, slightly tinged red. Pkt. 10c.; 20c. per oz.; ¼lb. 60c.

Improved Hanson. Tremendous, solid heads with outer leaves curled and interior almost white and very tender. Resists the heat well, therefore excellent for summer use. Pkt. 10c.; 20c. per oz.; ¼lb. 60c.

May King. The first solid head Lettuce to mature outdoors. It is of good size, with tender, full heart. Suitable for sowing under sash in early spring. Pkt. 10c.; 20c. per oz.; ¼lb. 60c.

Michell's No. 1. A good variety for summer use as it resists the hot sun better than most sorts. Heads unusually large, tender, and of a delicious buttery flavor. We do not recommend it for forcing. Pkt. 10c.; 20c. per oz.; ¼lb. 60c.

Mignonette. Heads small, compact; leaves curly, edges tinted brown. A sure header of good quality. Pkt. 10c.; 20c. per oz.; ¼lb. 60c.

Michell's Springtime. A fine early type to sow for spring use. Fair-sized, compact heads; leaves light green, outer edges tinted bronze, very tender. An ideal variety for the garden. Pkt. 10c.; 25c. per oz.; ¼lb. 75c.

New York or **Wonderful No. 12.** This is a leader of the cabbage-headed sorts. Heads large, dark green, with white interior and curled outer leaves. A popular summer variety. Pkt. 10c.; 25c. per oz.; ¼lb. 65c.

Wayahead. The earliest hard-heading Lettuce in cultivation, doing well either under glass or in the open, in spring or autumn. Pkt. 10c.; 20c. per oz.; ¼lb. 60c.

Heading Varieties, continued

White Big Boston. A new heading variety which resembles Big Boston in size, solidity and general appearance, but it lacks the brown edge so common in that variety. Pkt. 10c.; 25c. per oz.; ¼lb. 65c.

Loose-Leaf or Cutting Varieties

For early or midsummer use, seed should be sown very thickly. When pulling the young plants, try to do so carefully, with an effort to thin out the bed, thus allowing the remaining plants to become large.

Black-seeded Simpson. Ideal for midsummer use, as it withstands the heat and drought. When matured, presents a formidable loose head with finely fringed leaves. Pkt. 10c.; 20c. per oz.; ¼lb. 60c.

Early Curled Silesian. This variety should be cut instead of pulled, as it makes new growth from the same root. Leaves light green. When given plenty of room will form a large, loose head. Pkt. 10c.; 15c. per oz.; ¼lb. 50c.

Early Curled Simpson. An excellent, curly-leaved sort; loose heads and very tender. Pkt. 10c.; 15c. per oz.; ¼lb. 50c.

Grand Rapids. The leading variety in this class for forcing under glass, but may also be grown successfully outdoors. Leaves are very curly, crisp and brittle. Pkt. 10c.; 20c. per oz.; ¼lb. 60c.

Grand Rapids Forcing Lettuce

Cos Lettuce

ROMAINE · COS LETTUCE

This type is of French origin, and as will be seen by the illustration, differs greatly from the American varieties by its peculiar, upright growth. In order to produce tender heads, the outer leaves must be tied together at the top so that the inner ones blanch. It has a decided flavor. Best adapted to outdoor planting and stands the heat well.

Kingsholm. The largest and best heading variety of this type. The inner leaves blanch almost pure white and have little or no rib. Heads are very full throughout and therefore contain a larger proportion of edible leaves. Pkt. 10c.; 20c. per oz.; ¼lb. 60c.

CHICKEN LETTUCE

An excellent Green for poultry or rabbits. Grows 18 to 20 inches high. Ready for cutting 40 to 45 days after sowing. Sow seed in rows or broadcast early in spring. Pkt. 10c.; 15c. per oz.; ¼lb. 50c.

Lettuce Plants

We can supply these in heading varieties only, of our selection. 25 plants 25c. (by Parcel Post, 40c.); 75c. per 100 (by Parcel Post, 95c.); per 1000, $6.00.

Mangel-Wurzel. See page 51.

MINT

Herb used for flavoring. Pkt. 25c.; 65c. for 3 pkts.

Mint Plants (Pot-grown)

Peppermint. 20c. each; doz. $2.00.
Spearmint. 20c. each; doz. $2.00.

MARTYNIA

Unicorn Plant

Proboscidea. A bushy plant, growing 2 feet high, bearing clusters of pink flowers resembling gloxinias, followed by curled seedpods which, when picked, may be pickled the same as cucumbers, making a very tasty relish. Sow seeds in April outdoors and transplant to stand 2 feet apart each way. Pkt. 10c.; 30c. per ½oz.; oz. 50c.

MICHELL'S MUSHROOM SPAWN

A fine crop of mushrooms can be produced with very little labor or expense, provided a suitable location can be obtained. Cellars, sheds, or greenhouses can be used for their culture.

Pure Spore Culture Spawn

This Spawn is made in quart milk bottles under absolutely sterile conditions, so that every mould, weed seed, or insect is destroyed, and each bottle contains nothing but pure Spawn. One carton equals 5 bricks of ordinary Spawn and is sufficient to spawn about 40 square feet. The Spawn is dried thoroughly and wrapped in paper, with full directions how to grow mushrooms, and packed in cartons.

Carton	$1 25
10 cartons	12 00
25 cartons	29 25

If wanted by Parcel Post, allow 10c. per carton for postage.

Pure Culture Brick Spawn

One brick will spawn 8 to 10 square feet. Ask for our Free Leaflet on Mushroom Culture.

Pure White.

Brick	$0 35
5 bricks	1 50
10 bricks	2 75
25 bricks	6 50
50 bricks	12 50

If wanted by Parcel Post, allow for postage at the rate of 10c. per brick; 15c. per 5 bricks; 25c. per 10 bricks.

Mushroom or Hotbed Thermometers

No. 20450. Iron point; oxidized finish. Price, $3.00 (by Parcel Post, $3.15).

Thermometers should, wherever possible, be sent by Express. We do not guarantee safe arrival if forwarded by Parcel Post.

Curled Mustard

MUSTARD

One ounce will sow 75 feet of row

Makes a delicious green salad, pungent in taste, highly palatable, and healthful. Sow every two weeks in rows the same as spinach. Fine winter greens if sown in a heated frame or greenhouse, also fine if served with lettuce for flavoring. If the plant is allowed to stand, the seed can be harvested and used for other culinary purposes.

Fordhook Fancy. Produces a large crop of leaves resembling an ostrich plume which are of mild flavor. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; 75c. per lb.

Southern Giant Curled. The best of the curled Mustards. Sweet flavor. Matures very early and produces abundant foliage. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; 75c. per lb.

How to Grow Mushrooms

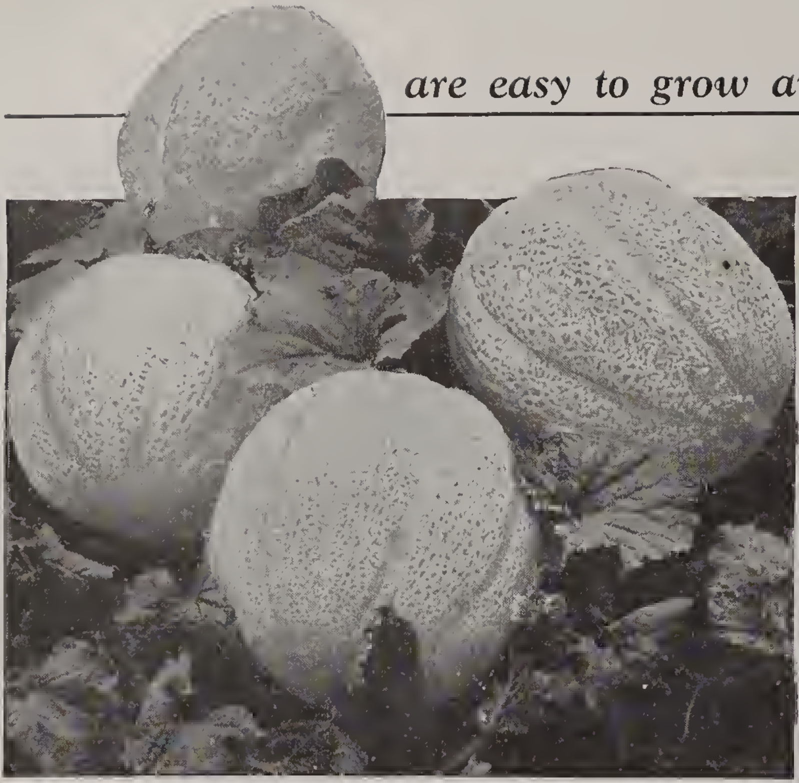
BY FALCONER

170 pages. Price, $1.75

Pure Culture Brick Spawn

Pure Spore Culture Spawn

are easy to grow and here are the best varieties



New Surprise Muskmelons

Hearts of Gold Muskmelons

MICHELL'S MUSKMELON OR CANTALOUPE

Melon Muscade (Fr.) Melone (Ger.) Popone Melone (Ital.)

One ounce will sow about 50 hills; 2 to 3 pounds, an acre

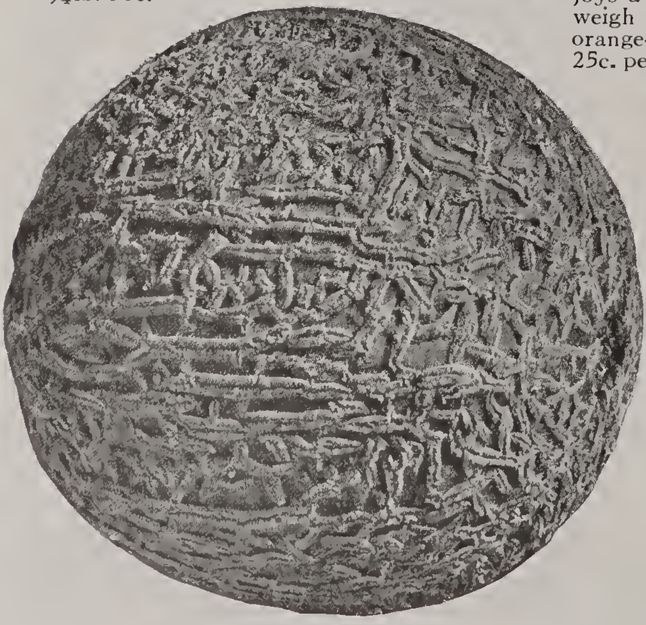
While these do best in a light, sandy loam, any good, well-prepared garden soil suits them. Plant when the ground has become permanently warm, in hills 6 feet apart each way, 8 to 10 seeds in a hill. After the second tier of leaves has formed, thin out to 4 plants in a hill. Watch carefully for insects of various kinds, especially the melon louse that works under the leaf and shrivels it, causing the plant to die. To fight this successfully, raise up the vines and spray underneath with Arsenate of Lead or some of the various Nikoteen preparations.

Emerald Gem. Flat melons, with exceedingly sweet, rich salmon flesh that ripens extremely close to the rind. Pkt. 10c.; 15c. per oz.; ¼lb. 50c.

Fordhook. Flat melon, like Emerald Gem, on which it is an improvement. Flesh beautiful salmon-orange, very sweet. Fruits large, often weighing 2 pounds each. An early variety, and very prolific. Pkt. 10c.; 15c. per oz.; ¼lb. 50c.

Hale's Best. The chief value of this variety is its earliness and fine quality. Oval, heavily netted fruits with salmon-color flesh. An excellent variety for long-distance shipping. Pkt. 10c.; 20c. per oz.; ¼lb. 60c.

Hearts of Gold. An excellent midseason variety with round fruit, distinctly ribbed. The thick, deep salmon flesh is of excellent flavor and can be eaten very close to the rind. Pkt. 10c.; 15c. per oz.; ¼lb. 50c.



Rocky Ford Muskmelon

Honey Dew. Matures late. Fruits large—6 inches in diameter and 7 to 8 inches long—with smooth creamy white skin having an occasional netting. The thick flesh is emerald-green, melting, and of wonderfully delicious flavor, sweet as honey. Ripe melons can be kept in a suitable place for several weeks before using. Pkt. 10c.; 20c. per oz.; ¼lb. 60c.

Honey Rock. Wonderful melon of excellent flavor, medium in size, round as a ball, and with a very coarse netting. Flesh thick and of a deep orange color. Ripens early and has proved to be very productive. Pkt. 10c.; 20c. per oz.; ¼lb. 60c.

Jenny Lind. A small, flat, early sort, heavily netted and ribbed, with green flesh. Good home-garden melon. Edible in about 87 days from time of planting. Pkt. 10c.; 15c. per oz.; ¼lb. 45c.

Michell's Delicious. This deservedly enjoys a good name. The large fruits often weigh 15 to 20 pounds. Flesh is deep orange-salmon, of fine quality. Pkt. 15c.; 25c. per ½oz.; oz. 45c.; $1.50 per ¼lb.

Rocky Ford. Medium-early variety. Fruit oval, covered with a fine netting; flesh green, very sweet, highly flavored. Pkt. 10c.; 15c. per oz.; ¼lb. 45c.

All seeds on this page mailed postpaid at prices quoted

Honey Dew Melon

New Surprise. A large variety, often weighing 8 to 9 pounds, rather oval in shape, with very prominent ribs. The green skin, which is slightly netted, turns to cream color as it ripens. Flesh bright salmon color, thick, sweet, and spicy. Pkt. 10c.; 20c. per oz.; ¼lb. 60c.

FORCING MELONS, English Varieties

Forcing Melons can be grown successfully outside in hotbeds. Sow seed in pots in March and transplant to hotbed when three leaves have developed. These will ripen fruit in June and July. For indoor use, treat same as forcing cucumber.

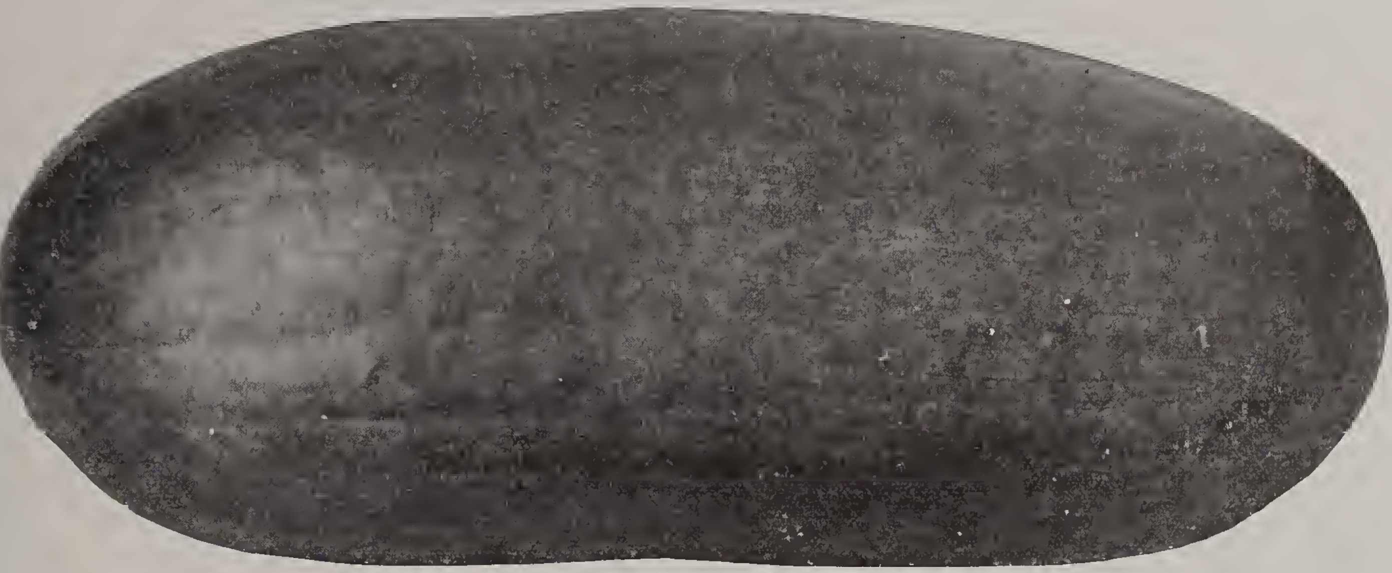
Blenheim Orange. Orange flesh. Pkt. 25c.; 65c. per 3 pkts.

Sutton's A1. Scarlet flesh. Original pkt. $1.25.

Windsor Castle. Green flesh. Pkt. 25c.; 65c. per 3 pkts.

MELON NETS. For supporting forcing melons in greenhouses. Made very strong; will last for a number of crops. Doz. $2.50; $18.00 per 100.

Home-grown Watermelons are a treat



Kleckley Sweets Watermelon

MICHELL'S CHOICE STRAIN WATERMELONS

Melon d'eau (Fr.) Wasser Melone (Ger.) Melone d'aqua (Ital.)

One ounce will sow 30 hills; 4 pounds, an acre

Plant in hills 8 to 10 feet apart each way, 8 to 10 seeds in each hill, covering ½ inch deep. When well established, thin out to three or four of the strongest plants to each hill. A little land plaster dusted over the young plants will keep beetles away. Watermelons should not be planted until after the soil has become thoroughly warm. We offer only the varieties which from experience we know are the better ones.

Halbert Honey. The long fruits with blunt ends are very large, often weighing 50 pounds. Rind is very thin, dark green, while the flesh is a rich crimson and very sweet. It is very prolific and is altogether a first-rater. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; $1.00 per lb.

Harris' Earliest. Ripens very early and on this account is one of the best to raise in the northern states. Fruit oblong, marbled with light and dark green; flesh bright red and of good quality. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; $1.00 per lb.

Kleckley Sweets. A sweet one, to be sure, with a luscious tenderness all its own. It is not a shipping variety, as the rind is too close to the ripe, fluffy, rich red meat, when in condition to use. The melons average about 20 inches long and ripen quite early. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; $1.00 per lb.

Pride of Muscatine. *Wilt-resistant.* A new melon that will be welcomed in sections where melon wilt prevails. It is more immune from this plant disease than any variety we know. A long, dark green variety with red flesh, exceptionally sweet. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; $1.00 per lb.

Stone Mountain. Fine for the home-garden and a good market variety. Round, slightly elongated, with light green skin and crimson flesh, sweet. Average weight, 40 to 50 pounds. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; $1.00 per lb.

Tom Watson. A handsome, large fruit, frequently 2 feet long and 1 foot in diameter, with dark green rind and bright scarlet flesh, of excellent texture and flavor. The sugary meat really melts in your mouth. Nothing can touch it in the melon line for shipping qualities. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; $1.00 per lb.

WATERMELON SEEDS. For medicinal purposes. Lb. 60c.

Preserving Melon • Citron

California Red-seeded. A large-fruited variety with pure white flesh and thin rind. Preserved melon is expensive when bought, yet melons can be grown and preserved by any energetic housewife, who will then be assured that her preserved melon is absolutely pure and good. It is planted like watermelon. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; 85c. per lb.

OKRA or GUMBO

Gombaud (Fr.) Ocher (Ger.) Ocra (Ital.)

One ounce will sow about a 100-foot row

Sow seed thickly after frost and cold have disappeared, in rows 3 feet apart; when about 6 inches high, plants should be thinned out to stand 1 foot apart in the row. The pod is used when young and tender, sliced in soups and stews; what is not utilized during the summer may be harvested, cut in slices, dried in the sun, and put away for use during the winter.

Harris' Earliest Watermelon

Perkins Long-Pod. A dwarf type, setting pods when the plants are only a foot high. Can be planted somewhat earlier than other sorts. Dark green, long, tender pods. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; 75c. per lb.

White Velvet or **Creole.** The pods are very free from ridges, almost perfectly smooth, tender, and very light green, almost white. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; 75c. per lb.

Perkins Long-Pod Okra

Onions need but little space for enormous returns

MICHELL'S SELECT ONION SEED

OIGNON (Fr.) ZWIEBEL (Ger.) CIPOLLA (Ital.)

For full-size Onions, one ounce will sow a 100-foot row; 5 to 6 pounds, an acre. If it is desired to grow Onion Sets, sow 40 to 50 pounds per acre

Sow in the early spring, in rows 2 feet or less apart, according to cultivation method employed. Seed should be firmed in the soil. If it is desired to grow full-size Onions the first year, thin out when 3 inches high, so that they stand about 3 to 4 inches apart. White Onions are mildest in flavor and are recommended for early use. The yellow sorts are best for winter keeping.

Prizetaker Onion

Ailsa Craig. The largest of all Onions, specimens often weighing 3 pounds and over. Globe-shaped, slightly pointed at top and base, of beautiful straw-yellow color. To obtain best results, sow seed in hotbed and later transplant where they are to grow, 4 to 6 inches apart, and thus procure gigantic specimens. Pkt. 10c.; 25c. per oz.; ¼lb. 75c.; $2.75 per lb.

Bermuda White. Although known as Bermuda White, it is a light yellow or straw color. It is early, and if transplanted about 4 inches apart, will produce immense, flat bulbs. In the raw state it is very mild, and when cooked the flesh is tender and of a delicious flavor. An elegant variety for slicing. Pkt. 10c.; 25c. per oz.; ¼lb. 75c.; $2.75 per lb.

Prizetaker. A mammoth yellow variety that if sown thinly produces full-sized Onions in one season from seed, rivaling the Bermuda varieties for size and flavor, and often weighing 3 pounds or more each. Pkt. 10c.; 25c. per oz.; ¼lb. 75c.; $2.75 per lb.

Southport Red Globe. Medium to large and of average earliness; smooth, deep purplish red skin; flesh mild, fine-grained, and tender. An excellent keeper. Pkt. 10c.; 35c. per oz.; ¼lb. 85c.; $3.00 per lb.

Southport White Globe. A beautiful type of almost round Onion, growing to an enormous size. The flesh, when cooked, is a rich milky color, tender, and of delicious flavor. In the raw state it is one of the mildest Onions. Pkt. 10c.; 35c. per oz.; ¼lb. $1.00; $3.50 per lb.

Southport Yellow Globe. Similar to the Danvers Yellow Globe, except that it is larger, more like Prizetaker. This is probably one of the most uniform-growing varieties, every bulb being almost perfectly round and of the same size. Light straw-colored skin. Pkt. 10c.; 35c. per oz.; ¼lb. 85c.; $3.00 per lb.

Sweet Spanish. *Riverside Strain.* Large, globe-shaped, sweet variety, with golden yellow skin. An excellent keeper. Pkt. 10c.; 35c. per oz.; ¼lb. 85c.; $3.00 per lb.

White Barletta. An extra-early, small, round variety, used principally for pickling, also for bunching. Pkt. 10c.; 25c. per oz.; ¼lb. 75c.; $2.75 per lb.

White Bunching. An extra-fine variety for early spring and summer use. Seed sown early in the spring will produce long green scallions which blanch white and remain tender for a long time. They do not form a bulb on the bottom. Pkt. 10c.; 25c. per oz.; ¼lb. 75c.; $2.50 per lb.

White Portugal or **Silver Skin.** The standard white Onion for market or home use. Mild-flavored, semi-globe shaped Onion, very uniform in growth and size. Pkt. 10c.; 25c. per oz.; ¼lb. 75c.; $2.75 per lb.

Yellow Globe Danvers. This almost round Onion is extensively sown by private and market gardener on account of its good keeping qualities. It is a dark straw color and always produces a good crop, growing to a large size. Pkt. 10c.; 35c. per oz.; ¼lb. 85c.; $3.00 per lb.

Yellow Strasburg. A large, dark straw-colored sort, almost flat. Its fine keeping qualities recommend it to the home as well as the market gardener. It is rather mildly flavored for a yellow sort. More of this variety is sold for growing sets than any other. Pkt. 10c.; 25c. per oz.; ¼lb. 75c.; $2.50 per lb.

Ask for a copy of Michell's Practical Garden Pointers

ONION SETS

One quart will plant about 50 feet of row

Plant as soon as the ground can be worked. Press the bulb in the ground lightly (do not cover), in rows 1 foot apart, 2 inches apart in the row. So that all the development goes in the Onion, on signs of their going to seed, bend the top over, but do not break it off. The advantage in planting Onion Sets lies in the fact that the young Onion often is ready 5 weeks from the time of planting, while those grown from seed cannot be used until well into the autumn.

Shipped on local orders about March 10, unless otherwise requested.

If Onion Sets are wanted by Parcel Post, add 10c. per qt.; 15c. per 4 qts.; 25c. per pk., for postage.

	Qt.	4 qts.	Pk.
Yellow	$0 30	$1 10	$2 10
White	35	1 30	2 50
Red	30	1 10	2 10

	Lb.	5 lbs.	10 lbs.
White Multiplier	$0 30	$1 40	$2 50
Potato Onions	30	1 40	2 50
Shallots	30	1 40	2 50
Garlic Sets	30	1 40	2 50

If the above are wanted by Parcel Post, add 10c. per lb.; 15c. for 5 lbs.; 20c. for 10 lbs., for postage.

Tree or **Top Onions.** Ready latter part of August.

We give 32 pounds per bushel on Onion Sets.

We make a specialty of choice Onion Sets

Onion Sets

PARSLEY

PERSIL (Fr.) PETERSILIE (Ger.)
PREZZEMOLO (Ital.)

One ounce will sow 100 feet of row

After soaking the seed for a few hours in warm water, it should be sown in rows 1½ feet apart, and when 2 inches high thinned out so the plants will stand 4 inches apart in the row. Ordinarily, it takes Parsley seed from 3 to 6 weeks to germinate, so that a little patience in growing this is necessary.

Champion Moss Curled. The dark green, attractive, curled leaves and long stems make this variety suitable for bunching and are outstanding features. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; $1.00 per lb.

Double Curled or **Covent Garden.** Nicely curled leaves of a deep green color make this an elegant variety for garnishing steaks and salads. Dwarf in habit. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; $1.00 per lb.

Hamburg or **Rooted.** The fleshy roots are used for flavoring soups, stews, etc. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; $1.00 per lb.

Plain or **Single.** Leaves not curled. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; $1.00 per lb.

Tom Thumb. Very fine, extra-curled Parsley of dwarf habit, growing uniform in shape and compactness. Best for home-garden use, also suitable for edging borders and for decorative purposes. Pkt. 10c.; 25c. per oz.; ¼lb. 65c.; $2.00 per lb.

Parsley Plants

Ready in April

Large, specimen, pot-grown plants ready for use. Doz. $1.00; $7.00 per 100. *Not mailable.*

PARSNIP

PANAIS (Fr.) PASTINAKE (Ger.)
PASTINACA (Ital.)

One ounce will sow 150 feet of row; 5 pounds, an acre

Sow early in spring, in drills about 2 feet apart, covering the seed lightly. When plants are 2 to 3 inches high, thin out so the roots will develop. Cultivate well during the growing season.

Improved Sugar or **Hollow Crown.** A very thick, broad-topped root which makes it lift easily. Flesh is very fine-grained and sweet, while the outer surface is smooth and almost white. Pkt. 10c.; 15c. per oz.; ¼lb. 40c.; $1.10 per lb.

PEANUTS

ARACHIDE (Fr.) ERDNUSS (Ger.) CECE DE TERRA (Ital.)

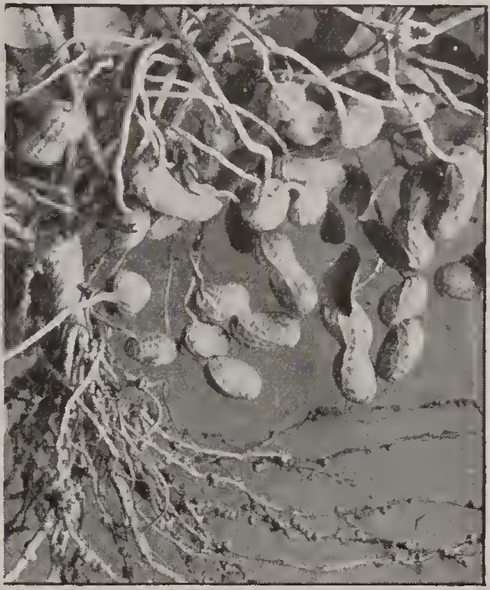
One bushel nuts unshelled will plant an acre, but shell must be removed beforehand

It is generally believed that Peanuts cannot be grown anywhere north of Virginia, but this is a mistake; almost any well-drained garden soil suits them, where they will yield a big crop. The Peanut plant rather enriches the soil instead of impoverishing it, as it is an abundant gatherer of free nitrogen.

Selected Virginia. ½lb. 20c.; 35c. per lb.; 5 lbs. $1.50; $2.50 per 10 lbs.

All seeds (not plants) on this page mailed free at prices quoted

Hollow Crown Parsnips



Peanuts

MICHELL'S CHOICE SEED POTATOES

POMME DE TERRE (Fr.) KARTOFFEL (Ger.)
PATATA (Ital.)

Plant 12 to 14 bushels per acre

TIME OF SHIPMENT. Potato-shipping with us commences about March 15 (weather permitting), unless otherwise requested. We can ship at customer's risk any time during cold weather.

Our Potatoes are put up in sacks of 2½ bushels each.

The New Katahdin Main-Crop Potato

This new origination by the U. S. Department of Agriculture is not so well known in the East, but for the last two years large acreages have been grown in the Middle West, with great success. Katahdin is white, rather shallow-eyed, oval, and yet somewhat flat in shape. The vine is very vigorous, with dark green foliage resistant to mild forms of mosaic. It produces a high percentage of No. 1 Potatoes, as reported from different states where it has been tested, and the keeping qualities of the tubers have proved to be very good. In time it will be a rival to the well-known Green Mountain.

Sweet Potato Plants. *Ready in May*

Yellow and **Red Nansemond.** 75c. per 100 (by Parcel Post, 90c.); per 1000, $5.00. Not less than 100 plants of a variety can be furnished.

We regret we cannot supply tubers of Sweet Potatoes.

Katahdin Potatoes

Beats Them All (**Michell's**). This famous variety has given the best results wherever tried, yielding more than any other early Potato. Oblong in shape; quality fine. Extremely early, coming in about 7 to 10 days earlier than Early Rose.

Early Rose (**Houlton** or **Maine**). A leading variety for earliness, quality, and productiveness. Pink skin; oblong shape.

Green Mountain. An excellent general-crop variety. White; roundish flat.

Irish Cobbler. An excellent sort, almost round in shape.

Jersey Redskin. These are especially adapted for planting in light, sandy soil in late June and early July. They are of oval shape, medium size, and cook pure white.

Russet. An excellent late variety, claimed to be absolutely rust- and blight-proof. Oval or flat in shape; medium size.

Prices on Seed Potatoes are established about March 1

FORMACIDE. For treating seed potatoes to insure against disease-producing germs and spores that are present. Apply the dust to the seed-pieces at the rate of 4 ounces to 1 bushel of potatoes. ½lb. 45c.; 75c. per lb.; 5 lbs. $2.00; $5.50 per 25 lbs.; 50 lbs. $9.00; $17.00 per 100 lbs.

NEW IMPROVED SEMESAN BEL (**Du Bay**). For treating seed potatoes before planting. Simply mix, dip, drain, dry, and your seed potatoes are ready for planting. May be used on either whole or cut seed-pieces. Effectively controls such seed-borne disease organisms as scab, rhizoctonia, and black-leg. One pound treats 16 to 20 bushels of seed. 4 ozs. 45c.; $1.50 per lb.; 5 lbs. $6.75; $31.00 per 25 lbs.; 100 lbs. $122.00.

You've never eaten PEAS until you grow your own

MICHELL'S CHOICE GARDEN PEAS

Pois (Fr.) Erbsen (Ger.) Pisello (Ital.)

Two pounds will sow 100 feet of row; 90 to 120 pounds, an acre

The smooth-seeded varieties may be sown as soon as the ground can be worked; the wrinkled sorts when the ground has become warmer. Sow in single or double rows, 2 to 4 feet apart, according to the variety. To have a continuous crop, sow weekly up to May 15, then discontinue until August 1, when the early varieties may be sown for a fall crop.

Prices quoted on Peas are prepaid in quantities up to 5 pounds, to the First and Second Zones; for other Zones, see Parcel Post Table on page 1. Larger quantities shipped at purchaser's expense.

Gradus Peas

Extra-Early Varieties

Alaska. 2½ ft. Smooth seeded. Very early. Pkt. 10c.; 20c. per ½lb.; lb. 35c.; 65c. per 2 lbs.; 5 lbs. $1.25; $2.30 per 10 lbs.; 25 lbs. $5.25.

Dandy Extra Early. 2 ft. A selection of Eureka, but far superior. Smooth seeded. Very prolific and desirable for the kitchen and market-garden. Pkt. 10c.; 20c. per ½lb.; lb. 35c.; 65c. per 2 lbs.; 5 lbs. $1.25; $2.30 per 10 lbs.; 25 lbs. $5.25.

Early June. 2½ ft. A green-seeded, smooth Pea, desirable for first planting. Pkt. 10c.; 20c. per ½lb.; lb. 35c.; 65c. per 2 lbs.; 5 lbs. $1.25; $2.30 per 10 lbs.; 25 lbs. $5.25.

Early Eight Weeks. Wrinkled variety, growing 12 to 15 inches high and commencing to bear 6½ weeks after planting. A heavy cropper and especially desirable where room is scarce. Pkt. 10c.; 25c. per ½lb.; lb. 40c.; 75c. per 2 lbs.; 5 lbs. $1.50; $2.80 per 10 lbs.; 25 lbs. $6.50.

Gradus or **Prosperity.** 3 ft. Never was there a Pea offered which was so largely demanded as this very early sort that produces such gigantic pods and Peas. Exceedingly luscious; wrinkled. Pkt. 10c.; 25c. per ½lb.; lb. 40c.; 75c. per 2 lbs.; 5 lbs. $1.50; $2.80 per 10 lbs.; 25 lbs. $6.50.

Laxtonian. 1½ ft. An extra-fine, early, dwarf sort with large pods well filled with Peas of extra-fine quality. Pkt. 10c.; 25c. per ½lb.; lb. 40c.; 75c. per 2 lbs.; 5 lbs. $1.50; $2.80 per 10 lbs.; 25 lbs. $6.50.

Laxton's Progress. 1½ ft. Earlier than Laxtonian. Long pods filled with 8 or 9 large Peas of excellent flavor. Pkt. 10c.; 25c. per ½lb.; lb. 40c.; 75c. per 2 lbs.; 5 lbs. $1.50; $2.80 per 10 lbs.; 25 lbs. $6.50.

Little Marvel. Dwarf, 18 to 20 in. Sweet, wrinkled Peas. Prolific. Pkt. 10c.; 25c. per ½lb.; lb. 40c.; 75c. per 2 lbs.; 5 lbs. $1.50; $2.80 per 10 lbs.; 25 lbs. $6.50.

Nott's Excelsior. 15 in. A fine early wrinkled Pea, producing heavy crops of full pods. Very early. Pkt. 10c.; 25c. per ½lb.; lb. 40c.; 75c. per 2 lbs.; 5 lbs. $1.50; $2.80 per 10 lbs.; 25 lbs. $6.50.

Special Extra Early. 2 ft. This is the peer of the smooth-seeded sorts. Extremely early Peas, lusciously sweet and very tender. A grand yielder. Pkt. 10c.; 20c. per ½lb.; lb. 35c.; 65c. per 2 lbs.; 5 lbs. $1.25; $2.30 per 10 lbs.; 25 lbs. $5.25.

Thomas Laxton. 3 ft. Exceedingly early and heavy producer of large pods filled with big wrinkled Peas of excellent flavor. Its heavy cropping qualities make it suitable for an early crop in the private garden. Pkt. 10c.; 25c. per ½lb.; lb. 40c.; 75c. per 2 lbs.; 5 lbs. $1.50; $2.80 per 10 lbs.; 25 lbs. $6.50.

Little Marvel Peas

Laxtonian Peas

PRIZE COLLECTION

The best selection of Garden Peas which will give a continuous supply. Plant at intervals of one week in rotation as given.

Dandy Extra Early **Little Marvel**
Dwarf Telephone

One pkt. of each for 25c.; 1 lb. of each for $1.00, postpaid.

Please note: Below is a list of a few varieties of vegetable seeds, some of which have been developed by the U. S. Department of Agriculture and others by various State Agricultural Colleges. These are resistant to the various diseases which attack them and we highly recommend them.

Asparagus, Washington. Seed or Roots.
Sugar Corn, Golden Bantam.
Watermelon, Pride of Muscatine.
Potato, Katahdin.
Tomato, Break o'Day.
Tomato, Marglobe.

You need Pumpkins for Hallowe'en anyway

Michell's Choice Garden Peas

Prices quoted on Peas are prepaid in quantities up to 5 pounds to the First and Second Zones; for other Zones, see Parcel Post Table on page 1. Larger quantities shipped at purchaser's expense

Second-Early Variety

Dwarf Telephone. 18 in. One of the best medium-early sorts. Large pods filled with very sweet wrinkled Peas. Pkt. 10c.; 25c. per ½lb.; lb. 40c.; 75c. per 2 lbs.; 5 lbs. $1.50; $2.80 per 10 lbs.; 25 lbs. $6.50.

Sugar or Edible-Podded Peas

This type produces large, well-filled pods which are cooked with the Peas intact. Very tender and exceedingly sweet.

Dwarf Gray Sugar. 2 ft. Gray seed. Pkt. 10c.; 25c. per ½lb.; lb. 40c.; 75c. per 2 lbs.; 5 lbs. $1.50; $2.80 per 10 lbs.; 25 lbs. $6.50.

Tall Luscious Sugar. 4 ft. Gray seed. Pkt. 10c.; 25c. per ½lb.; lb. 40c.; 75c. per 2 lbs.; 5 lbs. $1.50; $2.80 per 10 lbs.; 25 lbs. $6.50.

Honey Sweet

Most Distinct Sugar Pea Ever Introduced

An entirely new type, with curved pods that are thick, fleshy, and free from hard tissues. Can be cooked like string beans. Its sliced pods make a delicious addition to mixed salads. Pkt. 20c.; 75c. per ½lb.; lb. $1.25; $2.40 per 2 lbs.

Telephone Peas

General or Late-Crop Varieties

Champion of England. 5 ft. A very tall, rank grower, but a wonderful yielder of delicious quality, wrinkled Peas. Pkt. 10c.; 20c. per ½lb.; lb. 35c.; 65c. per 2 lbs.; 5 lbs. $1.25; $2.30 per 10 lbs.; 25 lbs. $5.25.

Dwarf Champion. 2 ft. Possesses almost all the good qualities of the famous Champion of England, and has the further advantage of being dwarf. A very delicious Pea. Pkt. 10c.; 20c. per ½lb.; lb. 35c.; 65c. per 2 lbs.; 5 lbs. $1.25; $2.30 per 10 lbs.; 25 lbs. $5.25.

Tall Telephone. 3½ ft. The finest late wrinkled Pea grown. Exceedingly sweet. An abundant producer. Pkt. 10c.; 25c. per ½lb.; lb. 40c.; 75c. per 2 lbs.; 5 lbs. $1.50; $2.80 per 10 lbs.; 25 lbs. $6.50.

Yankee Prince. 4 ft. A large-podded, wrinkled sort and a heavy yielder. Pods often measure 6 inches in length. Pkt. 10c.; 25c. per ½lb.; lb. 40c.; 75c. per 2 lbs.; 5 lbs. $1.50; $2.80 per 10 lbs.; 25 lbs. $6.50.

PENNYROYAL

Herb used in medicine. Pkt. 15c.; 40c. per ½oz.; oz. 75c.

MICHELL'S PUMPKINS

Potiron (Fr.) Kurbis (Ger.) Zucca (Ital.)

One ounce will sow 25 to 50 hills; 4 to 5 pounds, an acre

NOTE: All seeds on this page sent postpaid at quoted prices

Plant any time after the ground has become permanently warm, about 4 seeds to the hill, the latter to be about 8 feet apart each way. To obtain strong vines, they may be pinched back somewhat, and if large specimens are desired, leave but one or two Pumpkins on a vine. Do not plant near other vine crops, as they may hybridize the latter and spoil the taste. They can also be planted among corn after the last working.

Connecticut or **Common Field.** Almost round light yellow fruits produced in great abundance; flesh coarse and suitable only for stock-feeding. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; 85c. per lb.

Japanese Pie. A crook-necked deep green variety with darker stripes which turn to a rich golden yellow. Fruit sets and matures early. The name given to it is derived from the seed, which is curiously marked like Japanese letters of the alphabet. Pkt. 10c.; 15c. per oz.; ¼lb. 40c.; $1.15 per lb.

King of the Mammoths. This variety grows to an enormous size. Orange-salmon skin; bright yellow flesh, fine-grained and of excellent quality for pies. Pkt. 10c.; 15c. per oz.; ¼lb. 40c.; $1.25 per lb.

King of the Mammoths Pumpkin

Large Cheese. A very large, flat-ribbed fruit, of beautiful buff-yellow color, with flesh of fine quality. An enormous producer, ideal for market, home-garden, and canning purposes. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; 85c. per lb.

Mammoth Cushaw or **Golden Crookneck.** A very meaty variety suitable for making pies or for stock-feeding purposes. Flesh golden yellow and very tender. Pkt. 10c.; 15c. per oz.; ¼lb. 40c.; $1.25 per lb.

Tennessee Sweet Potato. An oblong, medium-sized fruit with a very light buff-yellow skin. It is delicious for pies, while for cooking for table use it is dry and tasty. Pkt. 10c.; 15c. per oz.; ¼lb. 40c.; $1.15 per lb.

Winter Luxury. Known as the New England pie Pumpkin. The skin is a russet-yellow, while the flesh is golden orange when ripe. This is also used for making Jack-o'lanterns, for which purpose it is well suited, on account of its very round and symmetrical shape. Pkt. 10c.; 15c. per oz.; ¼lb. 40c.; $1.25 per lb.

Pumpkin Seed for medicinal purposes, 60c. per lb.

A few Pepper plants will supply a large family

Harris' Early Giant Pepper

California Wonder Pepper

MICHELL'S PEPPERS

Piment (Fr.) Pfeffer (Ger.) Peperone (Ital.)

One ounce will produce about 1200 plants

Sow the seed in a hotbed or window-box about March 1. Transplant to the open ground when all danger from frost is over, in rows 3 feet apart, 1½ feet apart in the row.

Mild or Sweet Varieties

California Wonder. A fine variety of great merit. The very large fruits often weigh 8 to 10 ounces each and are of glossy green color turning later to vivid red. Flesh thick and mild in taste. Pkt. 10c.; 30c. per ½oz.; oz. 50c.; $1.60 per ¼lb.

Chinese Giant. Monster, perfectly sweet Pepper with green fruit turning bright scarlet. Matures late. Fine for stuffed mangoes. Pkt. 10c.; 30c. per ½oz.; oz. 50c.; $1.60 per ¼lb.

Golden Dawn. Very sweet, large yellow variety shaped like the Chinese Giant. Pkt. 10c.; 35c. per ½oz.; oz. 60c.; $1.85 per ¼lb.

Harris' Early Giant. A new early variety of large size; deep green turning to red; flesh thick and of a sweet pleasant flavor. Pkt. 10c.; 25c. per ½oz.; oz. 45c.; $1.45 per ¼lb.

King of the North. A large, handsome, early variety which we recommend for growing in sections where seasons are short. Dark green, turning later to a beautiful red. Flesh fairly thick and of mild flavor. Heavy producer. Pkt. 15c.; 40c. per ½oz.; oz. 70c.; $2.00 per ¼lb.

Neapolitan. Large, early, thick-meated variety of mild flavor. Bright red when ripe. Pkt. 10c.; 25c. per ½oz.; oz. 40c.; $1.20 per ¼lb.

Pimiento. An excellent, uniformly shaped, sweet, green variety changing to red when fully ripe. Pkt. 10c.; 25c. per ½oz.; oz. 40c.; $1.10 per ¼lb.

Ruby Giant. Very large, of mild flavor. Adapted for stuffing. Pkt. 10c.; 25c. per ½oz.; oz. 40c.; $1.10 per ¼lb.

PEPPER SEED MAILED FREE AT PRICES QUOTED

Mild or Sweet Varieties, continued

Ruby King. Fruits 5 to 6 inches long and about 3 inches in diameter, green, turning to red as they mature, with flesh fairly thick and mild in flavor. Pkt. 10c.; 25c. per ½oz.; oz. 40c.; $1.10 per ¼lb.

Tomato or **Squash.** Upright grower, with small fruit shaped like a tomato and of mild flavor. Pkt. 10c.; 25c. per ½oz.; oz. 40c.; $1.10 per ¼lb.

World Beater. Very similar to Ruby Giant, but grows slightly larger; flesh very meaty and of mild flavor. Choice seed, grown in New Jersey. Pkt. 10c.; 25c. per ½oz.; oz. 40c.; $1.20 per ¼lb.

Hot Varieties

Bell or **Bull Nose.** One of the earliest varieties and very hardy. The sturdy plants produce great numbers of green fruit, turning later to vivid scarlet; flesh fairly thick and slightly hot or pungent. Pkt. 10c.; 20c. per ½oz.; oz. 40c.; $1.20 per ¼lb.

Hungarian Wax. Fruits about 2½ inches in diameter and 4 to 5 inches long, golden yellow when young, turning later to scarlet. Very hot; used principally for pickling. Pkt. 10c.; 25c. per ½oz.; oz. 45c.; $1.45 per ¼lb.

Large Red Cherry. A large hot variety, extensively used for canning whole; averages 1½ to 2 inches in diameter; shaped something like a flattened tomato. Pkt. 10c.; 25c. per ½oz.; oz. 40c.; $1.10 per ¼lb.

Long Red Cayenne. A long red variety; very hot and used principally for bunching with potherbs. Pkt. 10c.; 25c. per ½oz.; oz. 40c.; $1.10 per ¼lb.

Red Chili. The small narrow red pods are very hot; used for seasoning. Pkt. 10c.; 25c. per ½oz.; oz. 45c.; $1.45 per ¼lb.

Pepper Plants

Ready in May

Pot-grown Plants. Doz. 75c.; $6.00 per 100. *Not mailable.*

RHUBARB

Rhubarbe (Fr.) Rhabarber (Ger.) Rabarbaro (Ital.)

One ounce will sow 125-foot row

Seed should be sown early in the spring, in shallow drills 1 foot apart; thin out to stand 4 to 5 inches apart in the row. In the fall or following spring, the roots should be transplanted into permanent beds and placed 3 feet apart each way; the year following that, or two years after sowing the seed, the Rhubarb may be used. Roots may be planted in the spring up to May 15.

Victoria. Immense long stalks of a cherry-red color. A most popular variety. Pkt. 10c.; 20c. per oz.; ¼lb. 60c.

Rhubarb Roots

Ready April 1 for spring planting; Oct. 15 for fall planting.

Victoria. 3 for 50c. (by Parcel Post, 60c.); $1.50 per doz. (by Parcel Post, $1.75); per 100, $10.00.

MICHELL'S SELECT RADISH SEED

Radis (Fr.) Radies (Ger.) Ravanelli (Ital.)

One ounce will sow 75 feet of row; 8 to 10 pounds, an acre

Radishes should be sown in good rich ground, where they can make rapid growth, for then only do they produce the best results. Early sowings can be made as soon as frost is out of the ground. The winter Radishes are sown in July and are developed by autumn, at which time they may be taken up and stored in a cool cellar and covered with sand.

Early Varieties

Crimson Giant. Early, large, globe-shaped Radish with crisp, solid flesh that remains a long time without getting pithy. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; $1.00 per lb.

Early Scarlet or **Cardinal Globe.** *For outside sowing.* This popular Radish will be welcomed readily in an improved form. The vivid scarlet color and oval shape are perfect. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; $1.00 per lb.

Early Scarlet Globe (Short-Top). *Special Forcing.* A popular variety for hotbed or greenhouse; also valuable for outdoor planting. Very early, crisp, and mild. Pkt. 10c.; 20c. per oz.; ¼lb. 45c.; $1.25 per lb.

French Breakfast. Rapid grower. An oblong Radish that is very mild and tender, of a beautiful scarlet color, tipped with white. Good for open ground or forcing. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; $1.00 per lb.

Icicle. An excellent white variety of fine taste that grows 3½ to 4 inches long in 22 days. Valuable for forcing as well as for open ground. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; 90c. per lb.

Long Scarlet Short-Top. A favorite long, bright scarlet variety with small top and of excellent quality. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; 90c. per lb.

Michell's 25-Day. A fine, crisp table variety. Round, smooth skin of a brilliant red color; mild flavor. A quick grower. Pkt. 10c.; 20c. per oz.; ¼lb. 45c.; $1.25 per lb.

Early Varieties, continued

Philadelphia White Box. A selection of the old reliable White Box Radish, being of more perfect form, producing shorter tops and does not have a tendency to grow long. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; 90c. per lb.

Round Red or **Button.** One of the earliest varieties, maturing very quickly. Excellent for hotbed or garden culture. Flesh white, mild, and tender. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; $1.00 per lb.

Scarlet Turnip, White-tipped. Fine early scarlet variety with white tip. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; $1.00 per lb.

Summer and Winter Varieties

Celestial or **White Chinese.** Large; pure white; excellent keeper. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; $1.00 per lb.

China Rose. One of the best for winter use. Half-long in shape with a scarlet, blunt tip; flesh firm. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; $1.00 per lb.

Long Black Spanish. Large; skin black; flesh white, very firm. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; $1.00 per lb.

Round Black Spanish. Large; thick black skin; pure white flesh. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; $1.00 per lb.

White Strasburg. Oblong; pure white; mild flavor. An excellent variety for summer use. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; 90c. per lb.

See pages 171 to 173 for complete line of Fertilizers

Icicle Radishes

Philadelphia White Box Radishes

Salsify

ITALIAN ROCKET · Rucola

Greatly relished in salads and quite tasty in soups. The dark green leaves greatly resemble sorrel. Slightly pungent, but flavor is distinct and appetizing. Pkt. 10c.; 20c. per oz.; ¼lb. 60c.

ROSEMARY

An herb that is used in seasoning and in the production of a volatile oil. Pkt. 10c.; 35c. per ½oz.; oz. 60c.

Rutabaga. See page 71

SAFFRON

Herb used in adding color to soups, etc. Pkt. 10c.; 25c. per ½oz.; oz. 40c.

SAGE

Herb used in flavoring. Pkt. 10c.; 25c. per ½oz.; oz. 40c.

SALSIFY · Oyster Plant

Salsifis (Fr.) Hafer Wurzel (Ger.)
Salsefia (Ital.)

One ounce will sow about 50 feet of drill; 10 pounds, an acre

Sow in early spring, in drills 15 inches apart and 1 to 2 inches deep; when about 4 inches high, thin to 3 inches apart. Soil should be deep and mellow in order that the root may grow straight down. Store same as carrots for winter use, or they can be left in the ground until spring.

Mammoth Sandwich Island. Enormous; very tender and delicious. Pkt. 10c.; 25c. per oz.; ¼lb. 65c.; $2.00 per lb.

SAVORY

Herb used in flavoring.

Summer. Pkt. 10c.; 25c. per oz.
Winter. Pkt. 10c.; 35c. per ½oz.; oz. 60c.

Shallots. See page 62

ALL SEEDS ON THIS PAGE MAILED
POST FREE AT PRICES QUOTED

Even children like home-grown Spinach

MICHELL'S SELECT SPINACH SEED

Epinard (Fr.) Spinat (Ger.) Spinaccio (Ital.)

One ounce will sow about 75 feet of drill; 10 to 12 pounds, an acre

Bloomsdale Long-standing Savoy Spinach

Sow for spring use, in drills 1 foot apart (covering the seed about ½ inch), as early as the ground can be worked, and continue to sow every two weeks till May 15. Spinach seed seldom germinates during June, July, or August, so we do not recommend sowing again until September, which is the season to provide an early winter and spring crop. On the approach of cold weather, cover with long manure, straw, or other litter. Spinach can also be grown successfully under hotbed sash.

Bloomsdale Long-standing Savoy. The long-standing characteristics of this variety make it valuable for spring sowing. It will stand considerable heat before bolting to seed. The leaves are thick, crimped, and fleshy. Oz. 10c.; 25c. per ¼lb.; lb. 55c.; $2.50 per 5 lbs.; 10 lbs. $4.50.

King of Denmark. A new and remarkable variety that stands a long while without running to seed. Large yielder and of excellent quality. The deep green leaves are large, rounded, and slightly blistered. Oz. 10c.; 25c. per ¼ lb.; lb. 55c.; $2.50 per 5 lbs.; 10 lbs. $4.50.

Long Season. Large, strong, robust plants and crinkled leaves. Will resist a great deal of heat without shooting to seed. Oz. 10c.; 25c. per ¼lb.; lb. 55c.; $2.50 per 5 lbs.; 10 lbs. $4.50.

Market Gardeners. This variety is a decided improvement on all other kinds. Leaves broad, heavy, of dark green, glossy color, heavily blistered. Will stand 7 to 10 days longer without shooting to seed than any variety we know of. Oz. 10c.; 25c. per ¼lb.; lb. 55c.; $2.50 per 5 lbs.; 10 lbs. $4.50.

New Zealand. This variety endures heat and drought and is excellent for summer use. Leaves small and thick. Heavy yielder, growing upright. One sowing can be picked from throughout the entire summer. A very distinct variety. In order to get a successful germination of seed, it should be soaked in warm water for about 12 hours before sowing. Do not confuse this variety with other sorts, as the seed should be sown about May 15. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; 90c. per lb.

Perpetual. This is really a form of Swiss Chard, but the taste is so much like Spinach, hence our reason for this classification. Sow seed in early spring in rows, thin out for best results. Ready for cutting in 5 to 6 weeks. Cut off about 2 inches above crown of plant. Pkt. 10c.; 25c. per oz.; ¼lb. 65c.; $2.25 per lb.; 5 lbs. $11.00.

CUPROCIDE

Cuprous Oxide

A seed-protectant for treating Spinach seed before sowing, to prevent the fungous disease known as damping-off. Use at the rate of 2 teaspoonfuls to 1 pound of seed. Lb. 90c.; $4.00 per 5 lbs.; 20 lbs. $14.00; $25.00 per 50 lbs.; 200-lb. drums $77.00.

SORREL

Oseille (Fr.) Sauerampfer (Ger.)
Acetosa (Ital.)

Broad-leaved French. Relished principally by the French people, who use it as a spinach dressing, also as a salad; has an acid flavor. Sow seed in the spring in good light soil in shallow drills 1 foot apart; thin out to 4 inches apart in the row. The seed-stalks should be cut off when they appear. Pkt. 10c.; 20c. per oz.; ¼lb. 60c.; $2.00 per lb.

New Zealand Spinach

Around the Year in the Garden
BY ROCKWELL

Gives a complete outline of the year's work in the garden. 350 pages. Price, $2.50.

Perpetual Spinach

Grow some of the small Squash for baking; they're delicious

SQUASH

Courge (Fr.) Kurbis (Ger.) Zucca (Ital.)

One ounce will sow 20 to 50 hills; 3 to 4 pounds, an acre

This is a popular vegetable for summer and winter use, and being susceptible to cold it should not be planted until the ground is thoroughly warm. The bush sorts should be planted in hills 4 to 5 feet apart each way; the running varieties, 8 to 12 feet apart. Place 8 to 10 seeds in a hill, and when the third stage of leaves is set, thin out to about 4 plants in a hill.

Summer Varieties

Cocozelle or **Italian.** A bush variety with long, smooth, dark green fruits, striped lighter. Fine for slicing and frying as you do eggplant. Pkt. 10c.; 15c. per oz.; ¼lb. 40c.; $1.25 per lb.

Giant Yellow Summer Crookneck. Shaped like a club with a bent neck. The skin is very rough and warted and of an orange-yellow color. This is a running variety. Pkt. 10c.; 15c. per oz.; ¼lb. 40c.; $1.25 per lb.

Mammoth White Bush. A round, scalloped form with an ivory-white skin. Has an abundance of meat of very fine flavor. One of the earliest to mature and very prolific. Pkt. 10c.; 15c. per oz.; ¼lb. 40c.; $1.25 per lb.

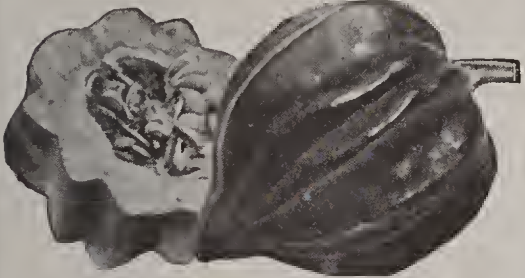


Table Queen Squash

Table Queen or **Acorn.** Matures early; edible in about 55 days. Fruits 6 to 8 inches long, 3 inches in diameter, with deep green rind turning to orange as it ripens. Flesh light yellow, fine for baking. Pkt. 10c.; 15c. per oz.; ¼lb. 40c.; $1.25 per lb.

Zucchini. An Italian variety of the Cocozelle type. Fruits 12 to 14 inches long, with green skin, mottled yellow when matured. Flesh of delicious flavor. Pkt. 10c.; 15c. per oz.; ¼lb. 40c.; $1.25 per lb.

Fall and Winter Varieties

Blue Hubbard. A new variety and a selection from the original Hubbard. The fruit is of a gray-blue color, grows large, is a remarkably good keeper and of excellent quality. Pkt. 10c.; 15c. per oz.; ¼lb. 45c.; $1.35 per lb.

See page 65 for Pumpkins

Fall and Winter Varieties, continued

Boston Marrow. Shaped similar to Hubbard and of golden orange color. Fine for canning for winter use, cooked as a vegetable or in pie. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; $1.00 per lb.

Delicious. Well named, as it has the finest flavor of any Squash. Oblong, with deep green skin, thin rind, and very small seed-cavity. One of the best winter keepers. Pkt. 10c.; 15c. per oz.; ¼lb. 40c.; $1.25 per lb.

White Bush Squash

Golden Hubbard. Used extensively for pie, but served as a vegetable. It is very dry and delicious. Outside deep orange-red. Pkt. 10c.; 15c. per oz.; ¼lb. 40c.; $1.25 per lb.

Hubbard. *True.* Fruits large, olive-shaped, with dark green skin and rich flesh of fine quality. Excellent keeper. Pkt. 10c.; 15c. per oz.; ¼lb. 40c.; $1.25 per lb.

Giant Yellow Summer Crookneck

SWEET BASIL

Herb used for soups and stews. Pkt. 10c.; 20c. per ½oz.; oz. 35c.

SWEET MARJORAM

Herb whose leaves and shoots are used for seasoning. Pkt. 10c.; 25c. per ½oz.; oz. 40c.

SWISS CHARD

Dark Green Curled. Pkt. 10c.; 15c. per oz.; ¼lb. 40c.; $1.20 per lb.

Giant Lucullus. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; $1.10 per lb.

For description of above, see page 52.

TARRAGON

Fine for flavoring. Pot-grown plants, 30c. each; doz. $3.00.

THYME

Herb used for sauces and dressings. Seed, pkt. 10c.; 30c. per ½oz.; oz. 50c.

Thyme Plants

Pot-grown. 20c. each; doz. $2.00.

TOBACCO

Many people like to have a few plants of this in the garden, as it attracts butterflies. The flower is very sweet-scented, while the leaves may be dried, cured, and made into smoking tobacco and cigars. Sow in a box indoors and set outdoors in May.

Connecticut Seed-Leaf. Produces large leaves, desirable for making cigars. Pkt. 10c.; 30c. per ½oz.; oz. 50c.

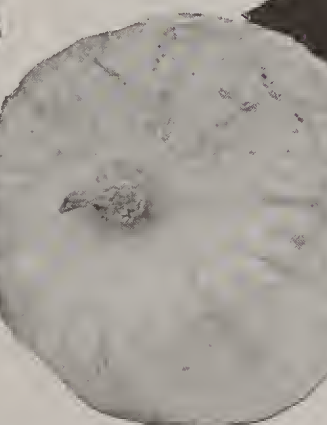
Sweet Oronoko. Good variety for home use and suitable for chewing Tobacco. Pkt. 10c.; 25c. per ½oz.; oz. 45c.

Virginia Bright-Leaf. Does well in light soils. Suitable for pipe-smoking. Pkt. 10c.; 25c. per ½oz.; oz. 45c.

All seeds (not plants) on this page sent postpaid at prices quoted.

Squash, Delicious

Boston Marrow



Blue Hubbard

Hubbard

MICHELL'S SELECT TOMATO SEED

Pomme d'Amour (Fr.) Liebesapfel (Ger.) Pomo d'oro (Ital.)

One ounce will produce 3500 plants; ¼pound, enough plants for an acre

Sow in the house or hotbed about March 1; transplant when 3 inches high and again later to produce vigorous specimens. Set plants outdoors about May 1, in rows 3 feet apart, 1½ feet in the row, or in hills 4 feet apart each way. Properly grown Tomato plants should be supported.

All stocks of Tomato marked Special Strain are certified by the state in which they are grown.

NOTE: All seeds on this page mailed postpaid at prices quoted

Crimson Cushion or Beefsteak Tomato

Bonny Best. One of the most prolific of early Tomatoes. While not so large they are very solid and evenly formed; of bright red color. Pkt. 10c.; 20c. per ½oz.; oz. 35c.; $1.10 per ¼lb.

Break o'Day. A development of the U. S. Department of Agriculture that is disease-resistant. The open habit of the vines permits the sun to ripen the fruit much earlier than some varieties. Fruits are globular, large, smooth, meaty, and of a good red color. Pkt. 10c.; 30c. per ½oz.; oz. 50c.; $1.35 per ¼lb.

Chalk's Early Jewel. Extra-early, bright red fruit of fine flavor. Very productive. Pkt. 10c.; 20c. per ½oz.; oz. 35c.; $1.10 per ¼lb.

Crimson Cushion or **Beefsteak.** A vigorous grower, producing immense, solid, very meaty fruits, suitable for slicing or canning. Pkt. 10c.; 30c. per ½oz.; oz. 55c.; $1.75 per ¼lb.

Dwarf Champion. The plant looks like a miniature tree, dwarf and compact. Fruit red, with a purplish cast, solid. Late maturing. Pkt. 10c.; 30c. per ½oz.; oz. 55c.; $1.75 per ¼lb.

Dwarf Stone. A dwarf, compact plant and medium-sized, very solid bright red fruit. Late cropper. Pkt. 10c.; 30c. per ½oz.; oz. 55c.; $1.75 per ¼lb.

Earliana. *Penn State.* One of the earliest bright red varieties. It is compact in growth, a good yielder, with fruit solid, uniform and of excellent quality. Pkt. 10c.; 30c. per ½oz.; oz. 55c.; $1.75 per ¼lb.

Early Detroit. A productive, early, large, smooth purple sort. Pkt. 10c.; 30c. per ½oz.; oz. 55c.; $1.75 per ¼lb.

Golden Ponderosa. The best large golden yellow variety. Early, smooth, of excellent quality, similar in shape to the regular Ponderosa. Pkt. 15c.; 35c. per ½oz.; oz. 55c.; $1.75 per ¼lb.

Golden Queen. Medium yellow, very sweet fruit, almost free from acid. Fine for preserving or for slicing. Pkt. 10c.; 35c. per ½oz.; oz. 55c.; $1.75 per ¼lb.

Greater Baltimore. A main-crop variety. Fruit large, brilliant red, and ripens evenly to the stem. Pkt. 10c.; 25c. per ½oz.; oz. 40c.; $1.25 per ¼lb.

Italian Salad. A new variety from Italy for the American people. This fine, red, plum-shaped salad Tomato has become quite popular, due to the fact that it is practically free from acid, has very few seeds, and a flavor all its own. When served in halves or quarters on a lettuce leaf, with the usual fixings, it makes a very attractive dish. The plant bears very profusely until frost. Pkt. 20c.; 60c. per ½oz.; oz. $1.00.

John Baer. Produces clusters of beautiful red fruit of good size and nearly round. Pkt. 10c.; 20c. per ½oz.; oz. 35c.; $1.10 per ¼lb.

June Pink. Large; solid purplish red flesh of fine texture. Pkt. 10c.; 35c. per ½oz.; oz. 55c.; $1.75 per ¼lb.

Livingston's Globe. A medium-early, smooth pink variety of fair size, solid and meaty. Fruits set in clusters of five to seven. Pkt. 10c.; 35c. per ½oz.; oz. 55c.; $1.75 per ¼lb.

Marglobe. *Special Strain.* Variety of special merit, the origin of which is credited to the U. S. Department of Agriculture. It is practically immune from the many Tomato diseases. Handsome scarlet fruits, making it a suitable variety for all purposes. Excellent variety to follow our Penn State Earliana. We offer in this special strain an extra-fine selection of the originator's stock. Pkt. 15c.; 35c. per ½oz.; oz. 55c.; $1.75 per ¼lb.

Marglobe. *Usual Strain.* Pkt. 10c.; 25c. per ½oz.; oz. 45c.; $1.25 per ¼lb.

Matchless. Large red fruit. A general-crop variety. Pkt. 10c.; 25c. per ½oz.; oz. 45c.; $1.25 per ¼lb.

Michell's Crackerjack. One of the best early Tomatoes for the home-garden. Quite free from acid, rich red, and produced in clusters. Pkt. 10c.; 35c. per ½oz.; oz. 60c.; $2.00 per ¼lb.

Oxheart. A main-crop, pink-fruited sort, popular in certain sections due to its shape (that of a heart) and its great solidity. Being a shy seeder makes it very meaty; very little acid; quality fine. Some of the fruits grow to an enormous size. Pkt. 15c.; 35c. per ½oz.; oz. 65c.; $2.25 per ¼lb.

Ponderosa. The largest Tomato in existence. A beautiful deep pink, rather uneven at times in shape. Pkt. 15c.; 35c. per ½oz.; oz. 60c.; $2.00 per ¼lb.

Pritchard or **Scarlet Topper.** *Special Strain.* An early variety, originated by the late Dr. Pritchard of the U. S. Department of Agriculture. Undoubtedly the best of all recent introductions. The shape and outside color compare favorably with Break o'Day; the inside color is darker red. A good canning sort as well as a fine variety for slicing. The seed of this strain is produced by our best local Tomato grower and is superior to other strains. Pkt. 15c.; 35c. per ½oz.; oz. 60c.; $1.75 per ¼lb.

Pritchard or **Scarlet Topper.** *Usual Strain.* Pkt. 10c.; 25c. per ½oz.; oz. 45c.; $1.35 per ¼lb.

Red Rock. One of the most solid varieties and of a brilliant red color. Fine for the home- or market-garden. Pkt. 10c.; 25c. per ½oz.; oz. 40c.; $1.25 per ¼lb.

Rutgers. *Special Strain.* A new introduction by the New Jersey Agricultural College. The parent plants are Marglobe and J. T. D.; it has the same characteristics as its parents in size, color, and shape, except that it is somewhat flatter at the stem end. It ripens at about the same time as Marglobe and is very productive. An excellent main-crop variety. Pkt. 15c.; 35c. per ½oz.; oz. 60c.; $1.85 per ¼lb.

Rutgers. *Usual Strain.* Pkt. 10c.; 30c. per ½oz.; oz. 50c.; $1.50 per ¼lb.

Stone. An old-time favorite. Large, handsome red fruit with smooth skin. Recommended for a main crop. Pkt. 10c.; 25c. per ½oz.; oz. 40c.; $1.25 per ¼lb.

Forcing Tomatoes

Bides' Recruit. Medium size; bright red. Pkt. 15c.; 35c. per ½oz; oz. 60c.

Comet. Deep scarlet; medium size. Pkt. 10c.; 30c. per ½oz.; oz. 55c.; $1.85 per ¼lb.

Michigan State Forcing. Pkt. 25c.; 50c. per ½oz.; oz. 85c.

Sutton's Perfection. *Imported.* Original pkt. $1.25; $3.60 for 3 pkts.

Small-Fruited Tomatoes

Red Cherry. Pkt. 15c.; 35c. per ½oz.; oz. 60c.

Red Peach. Pkt. 15c.; 35c. per ½oz.; oz. 60c.

Red Plum. Pkt. 15c.; 35c. per ½oz.; oz. 60c.

Yellow Plum. Pkt. 15c.; 35c. per ½oz.; oz. 60c.

Strawberry or **Husk.** Pkt. 10c.; 35c. per ½oz.; oz. 60c.

Tomato Plants (Pot-Grown)

Ready in April

Doz. 75c.; $5.50 per 100. *Not mailable.*

Pritchard Special Strain Tomato

MICHELL'S TURNIP AND RUTABAGA SEED

Navet (Fr.) Weisse Rube (Ger.) Navonne (Ital.)

One ounce of seed for 100 feet of drill; 2 pounds per acre, broadcast

For early use sow the small sorts as soon as the ground can be worked in the spring in drills 14 inches apart. As the seed is fine it should be covered but slightly, except in very dry weather. Do not sow too thickly, so the roots can develop. For fall and winter use sow broadcast from the middle of July to the middle of August.

Purple-Top White Globe Turnip

Turnip

Early Purple-Top Flat. One of the most popular of the early varieties. Root clear white, purple top, of good quality. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; 75c. per lb.; 5 lbs. $3.50.

Early White Flat Dutch (Strap-Leaf). An attractive variety, producing a medium-sized root. Very early and of fine quality. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; 75c. per lb.; 5 lbs. $3.50.

Golden Ball. Medium size; globe-shaped; excellent flavor. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; 75c. per lb.; 5 lbs. $3.50.

Turnip, continued

Japanese Foliage. A two-purpose variety with tops equal to the best spinach. The roots are pure white and of fine flavor. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; 75c. per lb.; 5 lbs. $3.50.

Purple-Top White Globe. Large root; skin purple at top, white at bottom. A good table and market variety. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; 75c. per lb.; 5 lbs. $3.50.

Snowball. Pure white, globe-shaped. Very early. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; 75c. per lb.; 5 lbs. $3.50.

Southern Seven-Top. Chiefly used for winter Greens. Extensively sown in the South. Pkt. 10c.; 15c. per oz.; ¼lb. 25c.; 65c. per lb.; 5 lbs. $3.00.

Yellow Globe or **Amber.** Shaped like the Purple-Top Globe, but the color is like that of a yellow Rutabaga. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; 75c. per lb.; 5 lbs. $3.50.

Rutabaga

Rutabagas should be sown in drills about 2½ feet apart, and when 3 inches high thinned out to get the greatest root-development. They need to be cultivated liberally and hilled up when about 6 inches high.

Customers frequently complain that Rutabagas grow too long, rather than in a round form. Careful inquiry has developed the fact that this is caused by sowing the seed too early. In the locality of Philadelphia and New York, the seed should be sown from July 15 to August 1. Seed sown earlier than this invariably produces long roots with long stems.

NOTE—All seed offered on this page mailed free at quoted prices.

Rutabaga, continued

American Purple-Top Yellow. *Special Strain.* This strain is at least 8 to 10 days earlier than our usual strain. Roots are mostly round, with a small tap-root, yellow, with purple crown; flesh amber-colored, sweet and free from fiber; tops medium size and of a smoky green color. Develops very rapidly. Seed can be sown much later than other strains and yet develop a large root before freezing weather. Pkt. 10c.; 20c. per oz.; ¼lb. 50c.; $1.50 per lb.; 5 lbs. $7.25.

Purple-Top Yellow. *Usual Strain.* Top is purple, the bottom yellow. It brings a high price when sold in the market on account of its shape. Pkt. 10c.; 15c. per oz.; ¼lb. 35c.; 75c. per lb.; 5 lbs. $3.50.

American Purple-Top Rutabaga

SEEDS OF CULINARY AND MEDICINAL HERBS

There is an increasing interest in Herbs today, and Herb-Gardens are becoming quite popular. The majority of them are very easy to grow and therefore should be grown more extensively than they are.

For winter use, they should be cut just as they come into flower, tied in bunches, and hung in a light, airy place indoors, where they can be available any time.

	Pkt.	½oz.	Oz.
Anise	$0 10		$0 25
Basil, Sweet	10	$0 20	35
Borage	10		25
Caraway	10		25
***Catnip**	20		
***Chamomile**	15	35	60
***Chives**	10	30	50
Coriander	10		25
Dill	10		15
Fennel, Sweet	10		20
Finocchio, or Florence Fennel	10		25
***Lavender**	10		40
***Mint, Peppermint**	25		
***Pennyroyal**	15	40	75
***Rosemary**	10	35	60
Saffron	10	25	40
***Sage**	10	25	40
Savory, Summer	10		25
***Savory, Winter**	10	35	60
Sweet Marjoram	10	25	40
***Thyme, Broad-leaved**	10	30	50

*Varieties are hardy or perennial, while others must be sown each season.

Dill

Anise

Lavender

Sweet Marjoram

COLLECTIONS OF HERBS

In order to meet the demand for a few of the most popular varieties in annual and perennial sorts, we offer the following collections:

Annuals

Anise
Caraway
Coriander
Summer Savory
Sweet Basil
Sweet Marjoram

One pkt. each of the above 6 varieties, 50c.

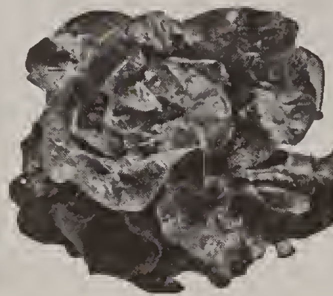
Perennials

Chives
Mint
Rosemary
Sage
Thyme
Winter Savory

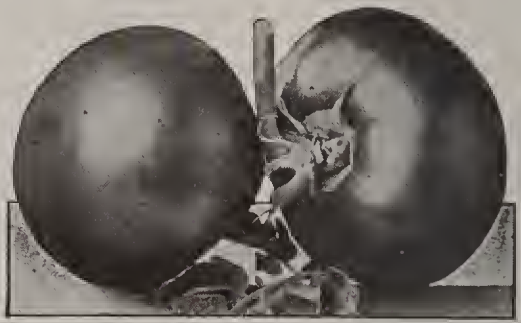
One pkt. each of the above 6 varieties, 70c.

For easy gardening, order from this page

Cabbage


Head Lettuce

Pepper


Tomatoes

VEGETABLE AND HERB PLANTS AND ROOTS

Fresh supplies of this stock arrive daily during the season of planting. We grow them at our own nurseries, and in extra-good quality.

Artichokes

Ready in April

Green Globe. Pot-grown plants, $1.50 per doz.; 25 for $3.00; $10.00 per 100 (by Express only).

Jerusalem. Used for table and stock-feeding. 20c. per lb. (by Parcel Post, 30c.); 90c. per 5 lbs. (by Parcel Post, $1.05); 10 lbs. $1.60 (by Parcel Post, $1.80); $3.50 per 25 lbs.; 50 lbs. $6.50.

Asparagus Roots

Ready about March 20 for spring planting; about October 15 for fall planting

The two-year roots usually produce two years after planting. Our stock is especially fine in quality.

Palmetto or **Eclipse.** 2-yr. roots, 50 for 85c.; $1.50 per 100; per 1000, $11.00.

Giant Washington. 2-yr. roots, 50 for $1.00; $1.75 per 100; per 1000, $12.00.

If above are wanted by Parcel Post, add 10c. per 50; 15c. per 100, for postage.

Brussels Sprouts

Ready in July

Matchless Improved. Hotbed plants, 25 for 30c. (by Parcel Post, 40c.); $1.00 per 100 (by Parcel Post, $1.15); per 1000, $6.50.

Cabbage Plants

Early Sorts, Wakefield and Allhead only. Hotbed plants, ready April 15. 75c. per 100 (by Parcel Post, 85c.); per 1000, $6.50.

Early Sorts, Coldframe plants, ready April 1, $1.00 per 100 (by Parcel Post, $1.10); per 1000, $8.50.

Late Sorts, Late Flat Dutch, Danish Ballhead and Red Dutch Drumhead varieties only. Ready July 1. 65c. per 100 (by Parcel Post, 75c.); per 1000, $5.50.

Cauliflower Plants

Ready April 1

Snowball variety only. Pot-grown plants, 10c. each; doz. $1.00; $6.00 per 100. *Not mailable.*

Peppermint

Lavender

Celery Plants

Ready in July

White Plume, Giant Pascal, Winter Queen, and **Golden Self-blanching.** 60c. per 100 (by Parcel Post, 75c.); per 1000, $5.50.

Chives

Ready in April

Strong plants. 20c. each; doz. $2.00; $12.00 per 100.

Eggplants

Ready after May 15

New York Improved and **Black Beauty.** Pot-grown plants, 75c. per doz.; per 100, $6.00. *Not mailable.*

Hop-Vine (Hardy)

This makes a valuable shade plant, grown on arbors, trellises, etc.

Strong pot-grown plants, 25c. each; doz. $2.50.

Horseradish Roots

Ready in March

Maliner Kren. Bohemian Horseradish. Large, strong cuttings, 35c. per doz. (by Parcel Post, 45c.); per 100, $1.50 (by Parcel Post, $1.65); $10.00 per 1000.

Lavender

Ready in April

Pot-grown plants, 30c. each; doz. $3.00.

Lettuce Plants

Heading varieties, our selection only, 25 for 25c. (by Parcel Post, 40c.); 75c. per 100 (by Parcel Post, 95c.); per 1000, $6.00.

Mint (Hardy)

Ready in April

Peppermint and **Spearmint.** Pot-grown plants, 20c. each; doz. $2.00.

Parsley Plants

Ready in April

Pot-grown plants, $1.00 per doz.; per 100, $7.00. *Not mailable.*

SPECIAL NOTICE

We regret that it is not practicable to ship **Pot-grown Plants** of **Cauliflower, Pepper, Parsley, Eggplants** and **Tomatoes** via **Parcel Post.**

The foliage of these plants is very soft and tender and we have found, from experience (largely because of delays in the mail service), that they reach their destination in a worthless condition.

Nor can we ship any of the above-mentioned plants outside the beetle zone.

Pepper Plants

Ready in May

Bull Nose and **Ruby King** varieties only. Pot-grown plants, 75c. per doz.; per 100, $6.00. *Not mailable.*

Rhubarb Roots

Ready April 1 for spring planting; October 15 for fall planting

Victoria. 3 for 50c. (by Parcel Post, 60c.); $1.50 per doz. (by Parcel Post, $1.75); per 100, $10.00.

Rosemary (Perennial)

Ready in April

Pot-grown plants, 30c. each; doz. $3.00.

Sage (Hardy)

Ready in April

Holt's Mammoth. Pot-grown plants, 20c. each; doz. $2.00.

Sweet Potato Plants

Ready in June

Yellow and **Red Nansemond.** 75c. per 100 (by Parcel Post, 90c.); per 1000, $5.00. Not less than 100 plants of a variety can be furnished.

Tarragon

Ready in April

Hardy if given protection in winter. Pot-grown plants, 30c. each; doz. $3.00.

Thyme (Hardy)

Ready in April

English Broad-leaved. This is almost an indispensable herb. Pot-grown plants, 20c. each; doz. $2.00.

Tomato Plants

Ready after April 15

Early and **Late Varieties.** Pot-grown plants, 75c. per doz.; per 100, $5.50. *Not mailable.*

Sage

Thyme

Seed-disinfectants are cheap insurance

SEED-DISINFECTANTS

Control Seed-borne Diseases of Farm and Garden Crops; Stimulate Germination; Improve Stands; Generally Produce Increased Yields of Higher Quality

New Improved Ceresan

A new low-cost grain-disinfectant

Effective in controlling burnt or stinking smut of wheat, covered smut and stripe of barley, and oat smuts. Frequently improves the stand and yield of grain per acre. Seed should be treated 24 hours before planting. One pound treats 32 bushels of wheat, oats, or barley.

1 lb.	$0 70	5 lbs.	$3 00

DUBAY
CERESAN
Dust Disinfectant for Wheat, Oats, Barley and Other Cereals
ANALYSIS
FIVE POUNDS NET

Ceresan (2 per cent)

Long a standard treatment for oats, barley, sorghums, millet, flax, peas, cotton, and narcissus. Easy to apply; economical to use.

1 lb.	$0 70
5 lbs.	3 00
25 lbs.	12 75
100 lbs.	50 00

New Improved Semesan Jr.

For Seed Field and Sweet Corn

The New Improved Semesan Jr. formula protects the seed from rotting in the ground and makes possible earlier planting, which generally results in increased yields. Improves germination, controls certain diseases, and increases yields, *at a cost of less than 3c. an acre.*

4 ozs.	$0 35	25 lbs.	$21 00
1 lb.	1 00	100 lbs.	83 00
5 lbs.	4 75		

Nu-Green

Nu-Green contains the same valuable ingredients as Semesan but has the added property of quickly restoring the diseased grass to its normal, healthy condition where soil-fertility is not already suited to its rapid recovery.

DUBAY
NU-GREEN
Grass Disinfectant for Brown Patch Prevention and Control
ANALYSIS
FIVE POUNDS NET

3 ozs.	$0 35
1 lb.	1 45
5 lbs.	6 30
25 lbs.	29 00
100 lbs.	115 00

New Improved
DUBAY
SEMESAN BEL
Dip Disinfectant for Seed Potatoes
ANALYSIS
FIVE POUNDS NET

New Improved Semesan Bel

For Seed White and Sweet Potatoes

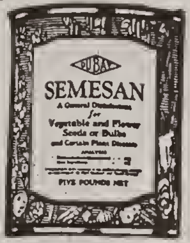
Simply mix, dip, drain, dry, and your Seed Potatoes are ready for planting. May be used on either whole or cut seed-pieces; effectively controls such seed-borne disease organisms as scab, rhizoctonia, and black-leg. By controlling these diseases, germination is generally increased, stand improved, and the resultant crop bigger and of better quality. One pound treats 16 to 20 bushels of seed.

4 ozs.	$0 45	25 lbs.	$31 00
1 lb.	1 50	100 lbs.	122 00
5 lbs.	6 75		

Semesan

For Flower and Vegetable Seeds, also for Lawns

Semesan may be applied in dust or liquid form to the seed before planting. It is harmless to the seed but deadly to disease organisms that may be on the seed. Semesan is such a powerful and effective disinfectant that seed treatment with it is ridiculously low in cost, ranging from ¼c. to 1c. per pound of seed. One ounce treats 15 pounds of seed. Effective in controlling damping-off and such devastating gladiolus diseases as hard rot and scab. Also the most effective means of controlling brown patch which attacks the turf of golf-courses, tennis-courts, and lawns.


DUBAY
SEMESAN
A General Disinfectant for Vegetable and Flower Seeds or Bulbs and Certain Plant Diseases
ANALYSIS
FIVE POUNDS NET

2 ozs.	$0 35	25 lbs.	$45 50
1 lb.	2 25	100 lbs.	180 00
5 lbs.	9 90		

Special Semesan

A new low-cost grass-disinfectant for the prevention and control of brown patch.

5 lbs.	$7 00	100 lbs.	$129 00
25 lbs.	33 00		

SMALL QUANTITIES OF ABOVE CAN BE SENT BY PARCEL POST

LEGUME-AID

Inoculation for All Legume Seeds Means Better Crops, Better Soils, Less Fertilizer Expense.

Alfalfa, Clovers, Soy Beans, Cowpeas, Vetches, all thrive into bumper crops when properly inoculated with LEGUME-AID pure-bred cultures.

What Legume-Aid Is

Moist-Composition Base: Living bacteria in a base of relative low-moisture content which adheres to dry seed without the use of water. This feature increases the ease of application and minimizes the spread of any disease which may be on the seed. The minute black particles composing the base of Legume-Aid cling to the seed in a film and will not clog the seeder. A uniform discoloration indicates clearly that ALL the seeds are properly inoculated. Recommended because of its ease of application. Every can is dated and guaranteed for six months.

We can also supply the Wet Composition Base and the Agar (Jelly) Base

Prices for All Clovers

½-bus. can	$0 30	2½-bus. can	$1 00
1-bus. can	50		

For Soy Beans, Vetches, Cowpeas and Garden Peas and Beans

½-bus. can	$0 20	2-bus. can	$0 50
1-bus. can	30	5-bus. can	1 00

Special Garden size for Garden Peas, Beans, and Sweet Peas, 25c.

When ordering be sure to state what crops you wish to inoculate, also number of bushels you will sow.

FORM-O-FUME

Formaldehyde Dust

Form-O-Fume will insure healthful soil for your plants

Damping-off is an infectious disease and must be treated as such. Form-O-Fume provides the most effective insurance against the damping-off of flower and vegetable seedlings and cuttings. It is a specially prepared formaldehyde dust which possesses certain outstanding advantages in the prevention of damping-off. Form-O-Fume does not lump, mixes evenly and uniformly with the soil, and has a beneficial effect on the soil.

1 lb.	$0 50	25 lbs.	$5 00
5 lbs.	1 75		

FORMACIDE

FORMACIDE
DAMPING-OFF

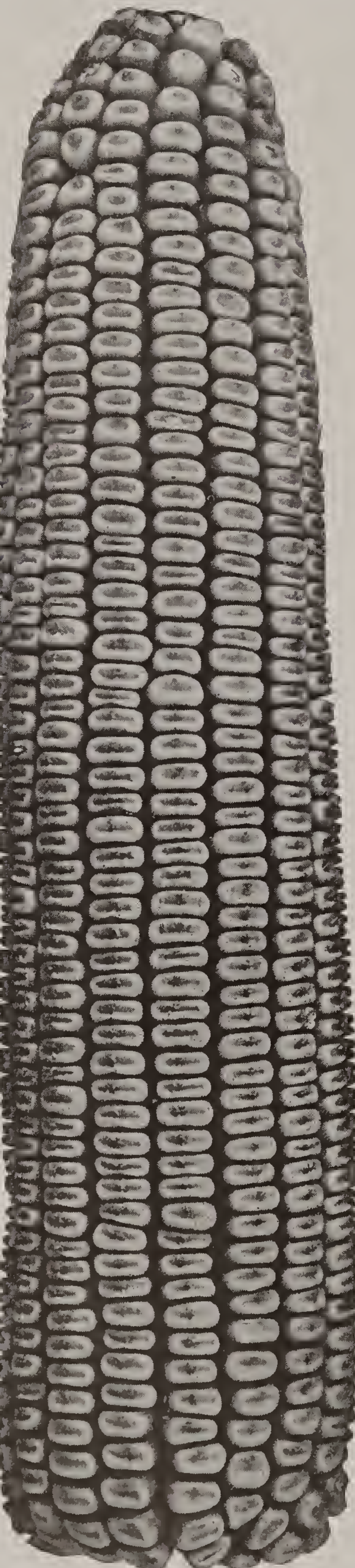
A stabilized formaldehyde dust, triple-strength, seed- and soil-disinfectant, used as a control of damping-off. Easy to use, inexpensive and effective; stimulates the growth of plants.

½ lb.	$0 45
1 lb.	75
5 lbs.	2 00
25 lbs.	5 50
50 lbs.	9 00
100 lbs.	17 00

See pages 166 to 170 for complete list of Insecticides

MICHELL'S SELECTED HAND-PICKED FIELD CORN

Plant 8 to 10 quarts per acre in hills for shelled Corn or for silo, or sow 1½ to 2 bushels broadcast for fodder



Field Corn

Our strains of Corn are not the common kinds usually found in abundance on the market. We give very careful attention to selected stock in all lines of farm seeds. This is particularly true of Field Corn where re-selection means the limit of crop with little or no increase in cost. Our stock is selected for size of ear and fodder, uniformity of kernel, and the careful finish of the tip and butt, all of which means a considerable increase in production. Field Corn weighs 56 pounds per bushel.

Sweepstakes Field Corn

Produces 125 to 150 bushels ears, 70 to 80 bushels grain, or 15 to 22 tons per acre for ensilage, depending on cultivation.

A 90- to 100-day variety. Stalks grow to a height of 10 to 12 feet and produce very large ears, 10 to 12 inches long, with 12 rows of extremely large, deep orange-colored kernels on a medium-sized cob.

Champion White Pearl. An immense yielder, maturing in about 115 days. Kernels deep set and snowy white.

Early Canada Flint. *Eight-rowed.* A medium broad-grained variety, perfectly smooth on the end and very hard. Makes a desirable sort for late planting. Excellent for pigeon- and poultry-feed. Matures in 90 days.

Eureka White Ensilage. A popular White Dent variety among dairymen. Very productive of both foliage and ears. A great favorite for filling silos. Matures in 130 days.

Improved Golden Dent. A high-yielding variety of yellow dent noted for heavy production of both grain and silage. A hardy, resistant Corn, producing a good ear on every stalk, with few nubbins. Ears large, rows straight, butts and tips well filled. Grains square-cut, moderate in depth, with uniform, dimpled dent, easily distinguishing it from other varieties. Fodder heavy and leafy, 10 to 12 feet tall. On fertile soil capable of yielding 90 bushels shelled Corn or 20 tons silage per acre. Matures in 110 days.

Improved Golden Dent Corn, continued

Golden Beauty. Broad, massive, golden yellow, dented grains on gigantic ears. Fodder is enormous, often growing 12 feet high. Matures late, but yields wonderful crops. Desirable for silo and ensilage purposes. Matures in 120 days.

Lancaster County Sure-Crop. One of the best all-round general-purpose varieties, and has proved to be a most reliable and profitable Corn for either husking or ensilage purposes. A tall grower and sure cropper, producing a big ear, averaging 12 rows of grains, on every stalk; very few nubbins. Will yield good crops on land that is not so fertile. Ears long; cob thin; top of grain rich yellow, when shelled the grain has a reddish yellow cast. Matures early, in 110 days.

Leaming Early Dent. Long ears filled with deep, uniform kernels. The cob, when shelled, is very small. Stalks grow about 7 feet high, very leafy, excellent for fodder, and on the average will produce two ears to the stalk. Occasionally crops 100 bushels to the acre. Matures in 105 days.

Reid's Yellow Dent. An excellent late variety with an average record of 100 bushels per acre. Small cob; deep yellow grain. Matures in 110 days.

For Corn-Planters, see page 131

Price for any of the above varieties of Field Corn, 20c. per qt. (by Parcel Post, 30c.).

Stanley's Crow Repellent

Protects your Corn during the period when it is most easily damaged, by ridding your crop of crows, pheasants, blackbirds, and other Corn-pulling birds and animal pests. Also protects seed from rotting in the ground, insuring larger yields. Non-poisonous. ½pt. 60c.; $1.00 per pt.; qt. $1.75. One pint is sufficient for two bushels of Seed Corn.

BARLEY

The straw is good for green feed or when cured as hay and the grain in the hull is excellent poultry-feed. If wanted for hay it should be cut while the grain-head is in a soft or milky condition. Sow broadcast, 1½ to 2 bushels per acre, from May 15 to July 1. Weighs 48 pounds per bushel. Makes an ideal nurse crop for spring-sown alfalfa. Frequently yields 50 bushels per acre. 20c. per qt. (by Parcel Post, 30c.).

Treat your Barley seed with Form-O-Fume for covered smut. See page 73.

SOY BEANS

This valuable plant enriches the ground in which it is planted by the free nitrogen gathered from the air which is deposited in the ground by the roots. Fodder is relished in either green or dry form by cattle. Sow 1½ bushels per acre alone, or ½bushel Soy Beans with one bushel cowpeas, in drills 2½ feet apart, any time from the first to the last of May. If wanted for silo it will be ready for harvest about the first of September, when the pods will be well filled. Yields as high as 20 tons of green food per acre. Weighs 60 pounds per bushel.

Soy Beans, continued

Black Wilson. *Early.* 20c. per qt. (by Parcel Post, 35c.).

Mammoth Yellow. *Late.* 20c. per qt. (by Parcel Post, 35c.).

Soy Beans

Prices on Farm Seeds in larger quantities than those listed will be quoted on application

MICHELL'S HIGH-GRADE FARM SEEDS

BROOM CORN

Sow in May, about 10 pounds per acre, in drills 3 feet apart. Plants should be thinned out to stand 3 inches apart in the row.

Evergreen. Produces extremely straight brush retaining its green color well after ripening, thus commanding the highest market prices. Yields 1000 pounds of salable brush per acre. Weighs 50 pounds per bushel. 30c. per lb. (by Parcel Post, 40c.).

BUCKWHEAT

Japanese. In the locality of Philadelphia this is sown any time from June 1 to July 15, one bushel broadcast to the acre. Makes a very fine quality of flour and is also largely used for poultry-food. Buckwheat frequently yields as much as 80 bushels to the acre. Weighs 48 pounds per bushel. 15c. per qt. (by Parcel Post, 25c.).

Two-bushel seamless sacks, used in shipping farm seeds, in one-bushel lots and over, are charged for at 30c. each; returnable at price charged if in good condition and prepaid.

RECLEANED CLOVERS

Clovers weigh 60 pounds per bushel.

Alfalfa or **Lucerne** (*Medicago sativa*). *Non-irrigated Northwestern-grown seed.* Sow during May, August, and September, ½ bushel (30 pounds) per acre, preferably with no other crop. Lb. 45c.

Alfalfa. *Grimm Strain.* An extremely hardy variety, less apt to winter-kill than older sorts. A heavy yielder and of deep-rooting habit. It requires about 15 to 20 pounds to properly seed an acre. Lb. 60c.

Alsike or **Swedish Clover** (*Trifolium hybridum*). One of the best for mixing with timothy. Grows from 1 to 2 feet high. Sow early in the spring or late summer and early autumn, 10 to 15 pounds per acre alone or 8 pounds per acre with timothy. Lb. 45c.

Crimson Clover (*Trifolium incarnatum*). Used principally for soiling or green manuring. It is not hardy for more than one season. Height 1 to 2 feet. Sow any time from April to October, 20 pounds to the acre. Lb. 25c.

Mammoth Red Clover (*Trifolium pratense perenne*). This differs from the Medium, being of a ranker growth and yielding more fodder per acre. Sow early in spring or in July and August, using 20 pounds per acre alone, or with other crops, 10 pounds per acre. Lb. 60c.

Medium Red Clover (*Trifolium pratense*). Central States origin. Used principally for hay purposes. Sow early in the spring or in late summer—July and August; if alone, 20 pounds per acre; if with other crops, 10 pounds per acre. Lb. 55c.

Lespedeza. Japan Clover. A substitute for alfalfa on poor land in the South, but has been grown successfully in the latitude of Philadelphia. Sow in spring, after frost, at the rate of 25 to 35 pounds per acre. Weighs 25 pounds per bushel. Lb. 30c.

Sweet or **Bokhara Clover** (*Melilotus alba*). Used either as a feed-crop or as green manure, to plow under. Grows from 3 to 5 feet high and thrives on almost any kind of soil. Sow 15 pounds per acre during spring and fall. Lb. 25c.

White Dutch Clover (*Trifolium repens*). Choice recleaned seed. Sow 10 to 12 pounds per acre if alone, or 5 pounds if sown on old turf or with other crops. Lb. 75c.; $3.50 per 5 lbs.; 10 lbs. $6.00.

Wild White Clover. We offer the certified Kentish strain which in recent experiments has proven very valuable for pastures. This Clover is suited for soils below the fertility standard and provides a most effective and economical source of nitrogen. Its vigorous, spreading habit and compact method of growth binds the soil and affords protection to the roots of other grasses, thereby increasing the yield. It is perfectly hardy. Sow from 1 to 3 pounds per acre in mixture, preferably in the early spring. ¼lb. 75c.; $2.50 per lb.; 5 lbs. $10.00; $17.50 per 10 lbs.

If Clovers are wanted by Parcel Post, please add 10c. per lb. for postage.

To produce best results all Clover Seeds should be inoculated with Legume-Aid. See page 73.

CANADA FIELD PEAS

These are used for various purposes, chief among them being a very early green food; when used this way they are sown with oats about April 1, at the rate of 1½ bushels of Peas and 1½ bushels of Oats to the acre, either drilled or broadcast. Peas may also be sown alone at the rate of 3 bushels per acre and furnish excellent hay. Weighs 60 pounds per bushel. Qt. 25c. (by Parcel Post, 40c.).

CORN, WHITE KAFFIR (For Seed)

The grain is used for feeding poultry and the fodder for cattle. Grows from 4 to 6 feet high, the grain being produced on the top of stalk in the shape of a brush; frequently as many as four heads of grain will be found on a single stalk. It usually ripens after the first few frosts and produces enormous crops. Can be sown as late as July at the rate of 10 pounds per acre in drills. Weighs 56 pounds per bushel. Lb. 15c. (by Parcel Post, 25c.).

COWPEAS

Cowpeas are one of the best, largest-yielding, and most nutritious of the farm crops. They provide the most inexpensive method of bringing soil back to a stage of fertility, as they grow in the poorest kind of soil, leaving it very rich in ammonia. In the latitude of Philadelphia, sow from May 1 to July 1, 2 bushels per acre broadcast, or 1 bushel per acre in drills. For a large crop, sow the seed as late as possible. Weighs 60 pounds per bushel.

New Era. A small, upright-growing, very prolific variety of early maturity. Qt. 25c. (by Parcel Post, 40c.).

Whippoorwill. Medium early, upright-growing variety more extensively used than any other. Qt. 25c. (by Parcel Post, 40c.).

FLAX

This is grown for the fibre from which linen thread is made and also for the seed which is used in the manufacture of linseed oil. When ground it makes an excellent tonic for horses, cattle, and poultry. If grown for seed, sow 1 bushel to the acre from May 15 to June 15. If desired for the fibre, sow 1½ to 2 bushels per acre. Weighs 56 pounds per bushel. Lb. 25c. (by Parcel Post, 35c.).

Red Clover

MANGEL-WURZEL

Sow 5 pounds per acre in April and May in thoroughly plowed, well-manured soil, in drills about 2 feet apart. Thin out to 1 foot apart in the row.

Golden Tankard. Oz. 10c.; 25c. per ¼lb.; lb. 75c.; $3.50 per 5 lbs.; 10 lbs. $6.50.

Lane's Improved White Sugar. Oz. 10c.; 25c. per ¼lb.; lb. 75c.; $3.50 per 5 lbs.; 10 lbs. $6.50.

Mammoth Long Red. Oz. 10c.; 25c. per ¼lb.; lb. 75c.; $3.50 per 5 lbs.; 10 lbs. $6.50.

See also page 51

MILLET

Can be sown as late as July 15 and yields a tremendous crop. Also desirable for green manuring, when it should be turned under when about 10 inches high. Makes an excellent green food for stock. If used for hay it should be cut just as it matures.

Hungarian. The seed produces hay that is not as fine in quality as Tennessee Golden and fully a foot less in height. It can, however, be sown some 2 weeks later. Sow 1 bushel per acre. Weighs 48 pounds per bushel. Lb. 15c. (by Parcel Post, 25c.).

Japanese Barnyard. This wonderful variety yields more fodder, possibly, than any other forage plant. Frequently as high as 12 tons of green food have been obtained from an acre. If sown early in May, it may be cut twice in one season. Sow 12 pounds per acre broadcast, any time from May 1 to June 15. Weighs 35 pounds per bushel. Lb. 15c. (by Parcel Post, 25c.).

Tennessee Golden. This requires a longer season to mature than the other sorts. It produces a very fine quality of hay and makes a larger seed-head. Sow 1 bushel broadcast to the acre from April 10 to July 10. Weighs 50 pounds per bushel. Lb. 20c. (by Parcel Post, 30c.).

Prices on Clover and Farm Seeds in larger quantities than those listed will be quoted upon application.

Michell's High-Grade Farm Seeds, continued

Oats

SEED OATS

We make quite a specialty of these, having them grown especially on contract for us. They are large, plump, free from weed seeds or other foreign substance, and of high vitality. Sow at the rate of 2½ to 3 bushels per acre alone or 1½ bushels with peas during April for best results. Weighs 32 pounds per bushel.

Storm King. *Pedigreed Stock.* This improved strain produces well-filled heads of plump, white grains, with a slight tendency toward side-growth. Straw very stiff, often measuring 5 feet high. A heavy producer, sometimes yielding as high as 85 bushels per acre. Qt. 20c. (by Parcel Post, 30c.).

Swedish or **Washington.** The long, erect straw is noted for its ability to stand up in rough weather. Grains are very plump and nearly pure white. Qt. 20c. (by Parcel Post, 30c.).

Welcome. A well-known and extensively grown variety with extra-strong, straight straw and large, plump grains. Qt. 15c. (by Parcel Post, 25c.).

Treat your Seed Oats with Form-O-Fume or Ceresan to control oat smut.

See page 73

Dwarf Essex Rape

RAPE

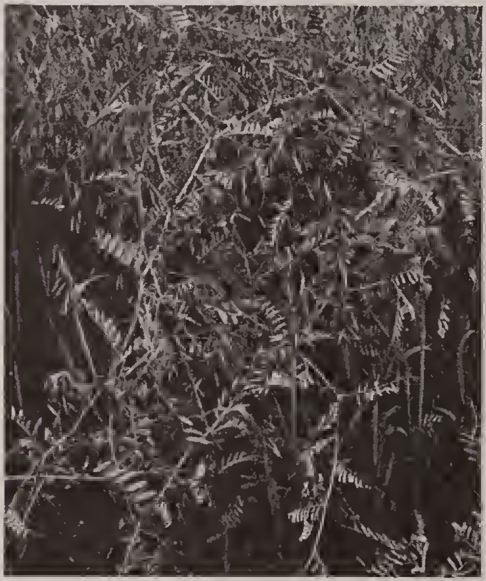
Dwarf Essex. This can be pastured 8 weeks after sowing. It must be sown in succession, as the stock eats it close to the ground and it will not stand pasturing any great length of time. Sow 6 pounds per acre broadcast, from April 1 to October 1. It produces enormous crops and is an ideal green manure. Weighs 50 pounds per bushel. Lb. 15c. (by Parcel Post, 25c.).

Prices on Farm Seeds in larger quantities than those listed will be quoted on application.

RYE (For Seeding)

Spring. An excellent early green food, or for pasture. The grain is used for feeding and other purposes, while the straw is of very fine quality, making a larger yield than Winter Rye. Sow from May 1 to June 1, 1½ bushels to the acre. Weighs 56 pounds per bushel. Qt. 20c. (by Parcel Post, 30c.).

Rosen Winter. Winter Rye will not mature if sown in spring. Qt. 15c. (by Parcel Post, 25c.).



Vetches (Tares)

SUGAR-CANE · SORGHUM

Early Amber. Either green or in a cured state this makes ideal cattle-food. The seed can be threshed out of the stalks and used as poultry-feed. A tremendous producer, often growing 12 feet high. It stands hot, dry weather and can be cut several times in one season. Sow 25 pounds of seed to the acre in drills 3½ feet apart; 1 to 2 bushels broadcast. Weighs 50 pounds per bushel. Qt. 25c. (by Parcel Post, 35c.).

SUNFLOWER

Mammoth Russian. This makes an excellent poultry-food, especially for winter use, on account of its heating and fattening qualities. Will yield sometimes as high as 60 bushels per acre. Sow 10 quarts per acre, in drills 3 feet apart, dropping the seed about every 4 inches. Lb. 20c. (by Parcel Post, 30c.); 55c. per 3 lbs. (by Parcel Post, 65c.); 5 lbs. 85c. (by Parcel Post, $1.00); $1.60 per 10 lbs. (by Parcel Post, $1.80); 25 lbs. $3.75.

SUDAN GRASS

An annual, and must be sown each year. Resembles millet somewhat. Stock seems to relish it. Will yield from 2 to 4 tons per acre. Sow in drills, or broadcast, 16 to 24 pounds per acre. Several cuttings can be made from a sowing in one season. Thrives well in a season of drought. Weighs 40 pounds per bushel. Lb. 15c. (by Parcel Post, 25c.).

TIMOTHY

Our stock of this important hay-producing seed is especially fine, being thoroughly recleaned, and free from weeds. If sown alone it requires 25 pounds to seed an acre; if sown with wheat, 12 to 15 pounds are the usual quantities. Weighs 45 pounds per bushel. Lb. 25c. (by Parcel Post, 35c.).

VETCHES · TARES

Winter (*Vicia villosa*). Sometimes called Sand or Hairy Vetch. Our stock of this is the true type, which will absolutely live throughout the winter. Sow broadcast from August 1 to October 1 at the rate of 1 bushel per acre, to which we suggest adding a bushel of winter rye or wheat. In the spring it can be plowed under as green manure, or when in flower cut for hay. Weighs 60 pounds per bushel. Lb. 30c. (by Parcel Post, 40c.).

Spring (*Vicia sativa*). The seed of this is larger than Winter Vetch and of a brownish gray color. It is not hardy and must therefore be sown in the spring, during May or June, 1 to 2 bushels per acre if broadcast, and 1 bushel if in drills, with either spring wheat, spring rye or oats, for support. Has the same desirable features as the Winter Vetch. Weighs 60 pounds per bushel. Lb. 15c. (by Parcel Post, 25c.).

SPRING WHEAT

Marquis. A favorite sort in this locality and is used on account of its prolific, vigorous growth and early qualities. It often produces 50 bushels per acre. Sow in April or May, 1½ to 2 bushels per acre, broadcast or in drills. Weighs 60 pounds per bushel. Qt. 25c. (by Parcel Post, 40c.).

Rye

Michell's Large-Flowering Cannas

Cannas can be used for both bedding and border planting, producing effective results and blooming from early summer until frost. The heights given are as they average in the Nurseries; this may vary, depending on soil, weather, and climatic conditions.

If Canna Roots are wanted by Parcel Post, please add 20c. per doz. for postage. Single roots mailed free

Canna Border

CANNAS, Selected Varieties. Plants only

Antoine Wintzer. Dazzling crimson-scarlet. Trusses are large and individual florets are immense. Should be in every garden. Green foliage. 4½ ft.

Mrs. Herbert Hoover. Deep watermelon-red. Individual flowers are very large. Deep green foliage. 4 ft.

Mrs. Pierre S. du Pont. A very showy variety that blooms from June until frost. The individual vivid watermelon-pink flower is very large. One plant will make several heads of bloom.

ALL ABOVE VARIETIES, 4-in. pot-plants only, 35c. each; doz. $3.50; $25.00 per 100

Alphonse Bouvier. Rich velvety red. Green foliage. 5 ft. Roots, 3 for 25c.; 75c. per doz.; per 100, $5.00.

Ambassador. Brilliant cherry-red flowers. Bronze foliage. 3½ ft. Roots, 3 for 25c.; 75c. per doz.; per 100, $5.00.

Apricot. Buff-yellow base, with salmon-pink. Green foliage. 4 ft. Roots, 3 for 30c.; 90c. per doz.; per 100, $6.00.

City of Portland. A glowing pink. Foliage green. 3½ ft. Roots, 3 for 30c.; 90c. per doz.; per 100, $6.00.

Eureka. The best white variety. Free bloomer. Green foliage. 4 ft. Roots, 3 for 25c.; 75c. per doz.; per 100, $5.00.

Golden Eagle. Clear golden yellow; showy trusses. Green foliage. 4 ft. Roots, 3 for 25c.; 75c. per doz.; per 100, $5.00.

Hungaria. Plant dwarf and compact. Flowers rich peach-blossom-pink. Foliage green and very massive. 3½ ft. Roots, 3 for 30c.; 90c. per doz.; per 100, $6.00.

King Humbert. Its majestic growth is enhanced by its massive truss of coppery scarlet flowers. Foliage is deep bronze. 4½ ft. Roots, 3 for 25c.; 75c. per doz.; per 100, $5.00.

King Midas. Large flowers of glittering gamboge-yellow. 5 ft. Roots, 3 for 25c.; 75c. per doz.; per 100, $5.00.

Mme. Crozy. Scarlet, bordered golden yellow. Green foliage. 3 ft. Roots, 3 for 25c.; 75c. per doz.; per 100, $5.00.

Mrs. Alfred F. Conard. Color delightful salmon-pink, which becomes more brilliant as the flower develops. Foliage light green. 4 ft. Roots, 3 for 30c.; 90c. per doz.; per 100, $6.00.

Richard Wallace. Large, showy, pure canary-yellow flowers carried on good stems. Green foliage. 4½ ft. Roots, 3 for 25c.; 75c. per doz.; per 100, $5.00.

The President. Rich glowing scarlet. Superior in quantity and quality of bloom to any other red variety. Green foliage. 4 ft. Roots, 3 for 25c.; 75c. per doz.; per 100, $5.00.

SPRING FLOWERING BULBS—*by Thayer*
128 Pages **Price $1.25**

Wintzer's Colossal. One of the largest flowering varieties. Bright scarlet. Green foliage. 5 ft. Roots, 3 for 25c.; 75c. per doz.; per 100, $5.00.

Wyoming. Immense spikes of orange flowers. Bronze foliage. 6 ft. Roots, 3 for 25c.; 75c. per doz.; per 100, $5.00.

Yellow King Humbert (Queen Helen). Masses of golden yellow flowers, dotted red; occasionally some will be streaked red. Green foliage. 4½ ft. Roots, 3 for 25c.; 75c. per doz.; per 100, $5.00.

Mixed Cannas. All colors. Roots, 3 for 20c.; 65c. per doz.; per 100, $4.50.

Prices of Canna Plants. If plants are wanted, they are ready about May 10, and will be supplied at the following prices (except where noted), 30c. each; doz. $3.00; $20.00 per 100. Please specify if roots or plants are wanted.

Canna, Mme. Crozy

Our booklet on the culture of Cannas, Dahlias and Gladiolus, free on request

Michell's Meritorious Dahlias

Time of Shipment. Unless specially requested, tubers will be shipped March 15 to June 1; plants, May 15 to June 15.

Culture. Dahlias are at their best during the latter part of September or early in October. To get exhibition blooms, disbud plants up to August 1. Spade or plow the soil 1 to 1½ feet deep; fertilize with well-rotted stable manure or Hyper-Humus; scatter about ¼ pound of bonemeal around each hill when planting. If soil is very heavy, incorporate a liberal quantity of granulated peat moss. About August 1, apply about ½ pound bonemeal to each plant and work in thoroughly; sheep manure or potato fertilizer can be substituted for bonemeal at this time to good advantage.

How to Keep Dahlia Tubers After They Are Shipped to You if Too Early to Plant

Open package and allow tubers to remain in packing material. Do not expose to air or moisten too much; keep in a cool place, but not where they will freeze.

New Introductions—1937 Honor Roll Varieties

ID., Informal Decorative; FD., Formal Decorative; MFD., Miniature Formal Decorative; SC., Semi-Cactus; S., Single; C., Cactus.

Dahlia, Jimmie Foxx

Bauer's Ideal, ID.

Strong grower, producing brilliant red flowers. Fine for exhibition. Long stems. Free flowering. Roots, $3.00 each.

Catherine Kempkey, ID.

One of the outstanding Dahlias of the season. Flowers of an adorable peach color, with long, fluffy petals, deepening to a perfect center of bronze-apricot. The petals have a sheen that adds much to the charm of the bloom. Flowers are large, frequently a foot in diameter. Roots, $7.50 each. Plants, $3.75 each.

Cherokee Rose, ID.

A seedling of Jersey's Beauty, with all of its parent's good qualities, only a more profuse bloomer and with larger flowers—8 inches across, 5 inches deep. A beautiful shade of lilac-pink, shaded deep rose-pink. Roots, $10.00 each. Plants, $5.00 each.

Colonel Tabot Jarvis, D.

Very large flowers, beautifully formed of curling and twisted florets. Color almost white; outer petals rosy pink, picotee-edged vermilion. Roots, $4.00 each.

Jimmie Foxx, ID.

Immense exhibition blooms of coppery red, shaded with henna. Strong plants producing flowers on straight stems, well above the foliage. Winner of many prizes at the leading eastern shows. Plants only, $7.50 each.

Lewes G. Bolton, D.

Huge, deep rich crimson flowers on strong stems. Plants dwarf. Roots, $4.00 each.

Little America, S.

A distinctly different single white Dahlia that is fine for artistic arrangements as the petals are inclined to roll forward. Remarkable keeping qualities, and long stems for cutting. Plants only, $1.00 each.

Miriam Hopkins, SC.

One of the giant varieties of the year. A seedling of Amelia Earhart. Color shades to a copper-orange instead of apricot to salmon as in the parent. Tall grower, with long stems that hold the flowers at right angles. Roots, $7.50 each. Plants, $3.75 each.

Mother Maytrott, ID.

A fitting name for such an outstanding and artistic white Informal Decorative variety. Good grower, with healthy, dark green foliage and strong, erect stems. A profuse bloomer. Flowers 10 to 11 inches across and 6 to 7 inches deep; hold perfect centers throughout the season. Won the American Home Achievement Medal and the Best Bloom in the Show at Washington, D. C. Roots, $15.00 each. Plants, $7.50 each.

Petunia, C.

Beautiful lilac flowers. A strong grower. Large blooms on long stems. Roots, $3.50 each.

Tangerine, MFD.

Compact grower with long stems for cutting without any disbudding or pruning. A Miniature Formal Decorative of scarlet or russet-orange color. Plants only, $1.00 each.

Tip Top, MFD.

Yellow, tipped vivid scarlet. Plants only, $1.50 each.

Decorative Dahlia

Dahlias are popular again and here are the popular varieties

MICHELL'S MERITORIOUS DAHLIAS, continued

Cactus Dahlia

Decorative Dahlia

Decorative Dahlia

Pompon Dahlias

Recent Introductions

ID., Informal Decorative; FD., Formal Decorative; MFD., Miniature Formal Decorative; C., Cactus; IC., Incurved Cactus; SC., Semi-Cactus.

AMERICA'S SWEETHEART. D. One of the sensations of the exhibitions during the past season in the "largest-of-all classes." Often attains a size of 1 foot across. Color pure yellow without any shadings. Roots, $5.00 each. Plants, $2.50 each.

CALIFORNIA IDOL. ID. A clear, bright self-colored yellow that ranks in size with the largest. It may be grown to measure 14 inches or more across, with a corresponding depth, and yet is an extremely refined flower in every sense. This variety has proved to be all that was anticipated when grown in the open field. Roots, $5.00 each. Plants, $2.50 each.

JERSEY'S DAINTY. C. A truly dainty white variety faintly tinged lavender, almost pure white late in the season. Blooms 7 inches across and 3 inches deep. A prolific bloomer, with long, straight stems and dark healthy foliage; bush 5 feet in height. Roots, $1.50 each. Plants, 75c. each.

JERSEY'S RED. An outstanding variety. Color deep scarlet; large blooms on strong stems. Free bloomer. Roots, 50c. each.

JESSICA DRAGONETTE. SC. Very pretty buff flowers, suffused peach, 12 inches across and 6 inches deep, with beautifully pointed petals and of perfect form. An exceptionally good grower, reaching a height of 5 feet and producing an abundance of blooms. Roots, $3.00 each. Plants, $1.50 each.

MILTON J. CROSS. ID. Beautiful apricot-peach, with bright golden face. Flowers of enormous size, measuring 12 inches across and 8 inches in depth, are held well above the foliage on long, straight, stiff stems. Winner of five medals in 1935, including three Achievement Medals. Roots, $10.00 each. Plants, $5.00 each.

PRIDE OF AUTUMN. FD. Beautifully formed, large cadmium-yellow flowers, blended and overlaid orange. Excellent bush-growth and an early and continuous producer of 9- to 10-inch flowers. Roots, $1.00 each.

MRS. HERBERT O'CONNOR. IC. The exceptional qualities, especially for an Incurved Cactus Dahlia, are long, slender, yet erect stems and flowers of good size, measuring 9 inches across and 5 inches deep, of an unusually bright color, which is soft rose-pink, deepening at center. Dark, healthy open foliage. Bush 5½ feet high; profuse and continuous bloomer. One of the best Incurved Cactus introductions in recent years and we predict it as a great winner in the showrooms. Roots, $5.00 each. Plants, $2.50 each.

RED JUG. SC. Rich cardinal-red, with petals tipped yellow. Blooms average 10 inches in diameter and 5 inches deep. Stems long and stiff and the leathery foliage is insect-resistant. Roots, $5.00 each. Plants, $2.50 each.

ROSE BEAUTY. MFD. A neat, truly Miniature Formal Decorative like Jersey's Beauty in form but the color is a soft peach with coral suffusion. Blooms are uniform and perfect, 2½ inches across and 2 inches deep, with centers full throughout the season. Bush 2½ feet high; stems are good, making it ideal for cutting and useful for arrangements. Roots, $1.50 each. Plants, 75c. each.

TREASURE CHEST. SC. The beautiful, perfectly formed blooms, about 8½ inches across and 6 inches deep, come as early as any variety in our fields, and flowers are still perfect at frost; therefore it has won many friends. The blooms grow in water and are better after two or three days inside, making it ideal as a cut-flower, beautiful for baskets and all decorations. Color a soft golden yellow, lightly suffused coral-red. Long, slender stems. Roots, $5.00 each. Plants, $2.50 each.

YELLOWSTONE. FD. A clear lemon-yellow with finely formed flowers that average 6 to 7 inches across, held on good stems. Bushes are strong and tall; will bloom all season. Roots, $1.00 each.

Decorative Types

D., Decorative; ID., Informal Decorative; FD., Formal Decorative

Altamont. ID. Rose-pink blooms, deepening toward center. Strong stems. Fine cut-flower. Roots, 35c. each.

American Legion. ID. One of the largest Dahlias. Giant clear yellow blooms. The winner of numerous awards. We have an unusually fine stock of roots. Roots, $1.50 each. Plants, 75c. each.

Andrea Ericson. ID. Pure white petals, pointed and irregularly placed; flowers are carried on long, stiff stems. Early and free bloomer. Roots, 75c. each.

Asbury Park. FD. Massive blooms on stiff stems, well above foliage; copper-salmon or old-rose, or one entire shade throughout the flower. Roots, 75c. each.

Avalon. FD. Immense, beautiful chrome-yellow flowers on long stems. An ideal variety. Roots, 25c. each.

Aztec Glory. ID. Large, finely formed flowers of a bright, attractive lemon-yellow carried on good stems. Fine exhibition variety. Roots, 50c. each.

Bagdad. ID. Beautiful brilliant scarlet blooms of large size on long stems. Good bush growth. Roots, 50c. each.

Ballego's Glory. FD. This Holland variety is much admired for its distinctive color—crimson, heavily tipped lemon-yellow. Bush medium height, of rather compact growth. Roots, 50c. each.

Barbara Redfern. ID. A combination of old-rose and gold; petals long with slight twist. Roots, 35c. each.

Bonny Bright. FD. This beautiful new Dahlia is a lovely old-rose color, held on excellent stems. The bushes average 3 feet in height and produce an abundance of blooms. One of the first to bloom and continues until frost, with perfectly formed, full-centered flowers. Roots, $1.00 each.

Calvin Coolidge, Jr. FD. Rose-pink, suffused with salmon, shading deeper toward the center, while the petals are distinctly edged with gold. Roots, 50c. each.

Cameo. ID. True coral-pink, deepening toward center; petals overlaid with glistening golden sheen, reverse deep rose-pink. Fine exhibition flower. Roots, $1.00 each.

Cardinalis. FD. Brilliant cardinal-red. Strong, upright grower, with long, erect stems. A profuse bloomer. Roots, $1.00 each.

Champoeg. FD. Exhibition-size blooms of lemon-yellow, with a suffusion of deep rose-pink. Free flowering and early. Stiff stems. Roots, 50c. each.

Chemar's Eureka. FD. Very beautiful white blooms, faintly tinged lavender on edges of petals. Free flowering. Excellent keeper when cut. Roots, 50c. each.

MICHELL'S MERITORIOUS DAHLIAS, continued

Decorative Dahlia

DECORATIVE TYPES, continued

D., Decorative; ID., Informal Decorative; FD., Formal Decorative

City of Trenton. ID. A first-class exhibition Dahlia, producing autumn-colored flowers up to 1 foot across, with full centers and petals that curl gracefully. Roots, 50c. each.

Color Sergeant. ID. Rich, deep salmon-bronze blooms of one shade. Excellent habit of growth, with perfect stems. Roots, 50c. each.

Dahliadel Gold. FD. A variety for the largest-bloom class. Pleasing golden yellow, shading darker at center, with a light coral-red suffusion. Strong-growing bush with dark green, spreading foliage. Grows extremely large naturally. Roots, $2.50 each. Plants, $1.25 each.

Derrill W. Hart. ID. Deep orange or copper, shading to henna-brown. Wonderful stem; keeps well when cut. Free bloomer. Roots, 50c. each.

Dixie Ravenscroft. ID. Glowing flame-color, with a reverse of bright gold; the petals have a golden sheen, and twist and turn, making a two-toned effect. The large flowers are of perfect formation; stems long, stiff, and strong. Roots, $1.00 each.

Dorothy Stone. ID. Huge, true deep pink blooms with very full center and thick petals evenly placed. Profuse bloomer. Roots, 50c. each.

Dr. H. Wesley Jack. FD. A fine variety, producing on long, stiff stems, attractive, large creamy white flowers, tinted pink on outer edges of petals. Roots, 50c. each.

Dr. John H. Carman. FD. Large Tyrian rose flowers, shaded silver. Vigorous grower. Roots, 50c. each.

Dwight W. Morrow. ID. Rich deep carmine-red. A giant exhibition variety that is destined to lead its class. Roots, $1.00 each.

Eastern Star. FD. Saffron-yellow blooms, with old-gold shadings, good keeping quality, full centers, held on strong, erect stems. Roots, 35c. each.

Elite Glory. FD. Brilliant rich red flowers that remain in good condition a long while after being cut. Strong grower. Roots, 50c. each.

Eagle Rock Fantasy. ID. Large, mallow-pink flowers, with silver shading. Ideal in habit. Stems long and erect. Roots, $1.00 each.

Eliza London Shepard. ID. Clear, glistening golden orange, reflex darker; flowers of beautiful form and full to the center to the end of the season. Stems long. Roots, 50c. each.

Fordhook Emperor. ID. A glorious blending of rich salmon and rose, making a general effect of apricot. Excellent bloomer. Roots, 35c. each.

Fordhook Victory. ID. Blooms large, silvery Tyrian rose; with full centers. Bush-growth good. Roots, 40c. each.

Fort Washington. FD. A very fine dark red. Roots, 50c. each.

Forest Fire. ID. One of the most spectacular Dahlias introduced in years. Flowers of an unusually artistic form, lemon-yellow at base of petals, heavily tipped rich scarlet and enhanced with yellow petaloids. Bush is sturdy and strong, with leathery insect-resistant foliage. Roots, $2.50 each. Plants, $1.25 each.

Fort Monmouth. ID. Giant, well-formed flowers of rich crimson-maroon, shading to bluish violet at tips. Free bloomer. Excellent keeper. Roots, 50c. each.

Galli Curci. ID. Large, unusually deep blooms, carried on long stems; petals long, pointed and wavy; color, brilliant salmon-orange with gold suffusion. A strong, semi-dwarf grower. Roots, 50c. each.

Girl of Hillcrest. ID. Flowers large, apricot-buff or cadmium-orange. Vigorous grower. Prolific bloomer. Roots, 75c. each.

Gladys Sherwood. ID. A variety still in demand. Blooms white, very large, and of good form. Roots, 35c. each.

Harry Mayer. FD. Fine exhibition variety that has size and form; color soft lilac with a rose-pink reverse. Roots, 35c. each.

Hubert Roy Stovel. ID. The golden yellow blooms are huge without forcing and are held high on long, stiff stems. Roots, $1.50 each.

Hyperion. FD. A beautiful shade of yellow, with a slight suffusion of vermilion-red over the outer petals. The immense blooms are very finely formed. Roots, 50c. each.

Ida Perkins. FD. One of the finest large white varieties, with good form and full centers. Blooms early. Roots, 50c. each.

Indiana Moon. ID. Orange, carmine suffusion. Large-flowering type and a free bloomer. Roots, 50c. each.

Jane Cowl. ID. Massive blooms of bronzy buff and old-gold, blending darker. Stems unusually strong. Roots, 50c. each.

Janet Southwick. ID. Exhibition-size blooms varying in color between Tyrian rose and burgundy-red. Plants are clean growing, with heavy foliage. Roots, 75c. each.

Jean Kerr. FD. A fine white Dahlia of medium size. Fine for bedding and cutting. Roots, 25c. each.

Jersey's Beacon. FD. Bright scarlet, with buff reflex, giving a two-toned effect. Free bloomer. Roots, 35c. each.

Jersey's Beauty. FD. Blooms high above the foliage on strong stems; flowers are immense, glowing pink. Roots, 35c. each.

Jersey's Majestic. ID. Strong, vigorous grower. Copper, suffused with a golden sheen, reverse of petals amaranth-pink, thus giving the flower a hue of pinkish copper. Roots, $1.00 each.

Kathleen Norris. ID. True rose-pink, deepening to mallow-pink, tight center. Good bloomer; excellent keeper. Roots, 50c. each.

Peony-flowered Decorative Dahlia

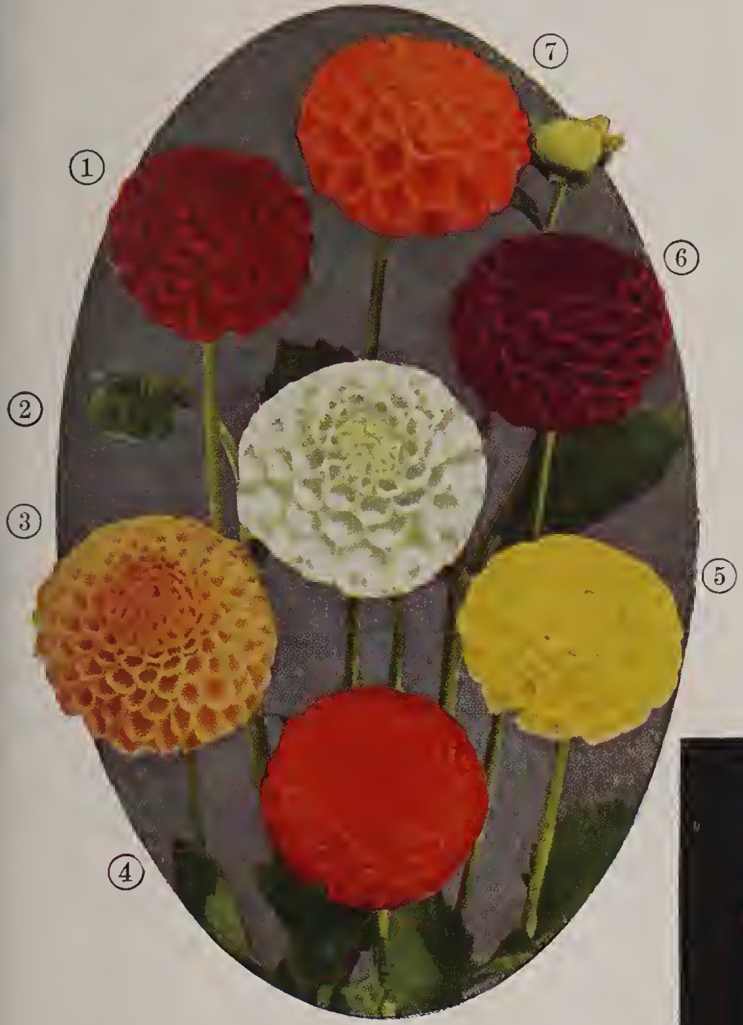
Michell's Miniature Dahlias

Baby Royal. A little gem. Salmon-pink, apricot, and yellow blooms. Roots 75c. each.

Bishop of Landaff. Brilliant and beautiful. Roots 50c. each.

Little Jewel. As pretty as a peach blossom. Roots 35c. each.

One root of each (3 varieties), $1.50



Dainty Pompon Dahlias

Easy to grow; bloom freely; excellent for cutting because of size.

1. **Johnny Peppin.** 35c. each.
2. **Bob White.** 25c. each.
3. **Honey.** 35c. each.
4. **Sonny.** 35c. each.
5. **Yellow Gem.** 25c. each.
6. **Taka's Purple.** 35c. each.
7. **Sunset.** 35c. each.

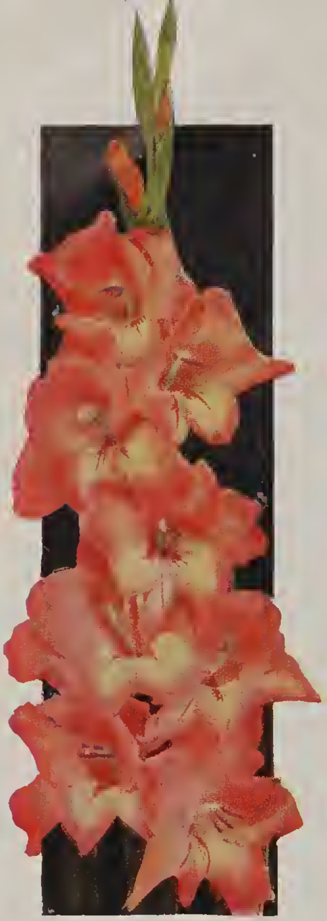
One root of each (7 varieties), $2.00
Three roots of each (21 roots), $5.50

DAHLIA · Jane Cowl

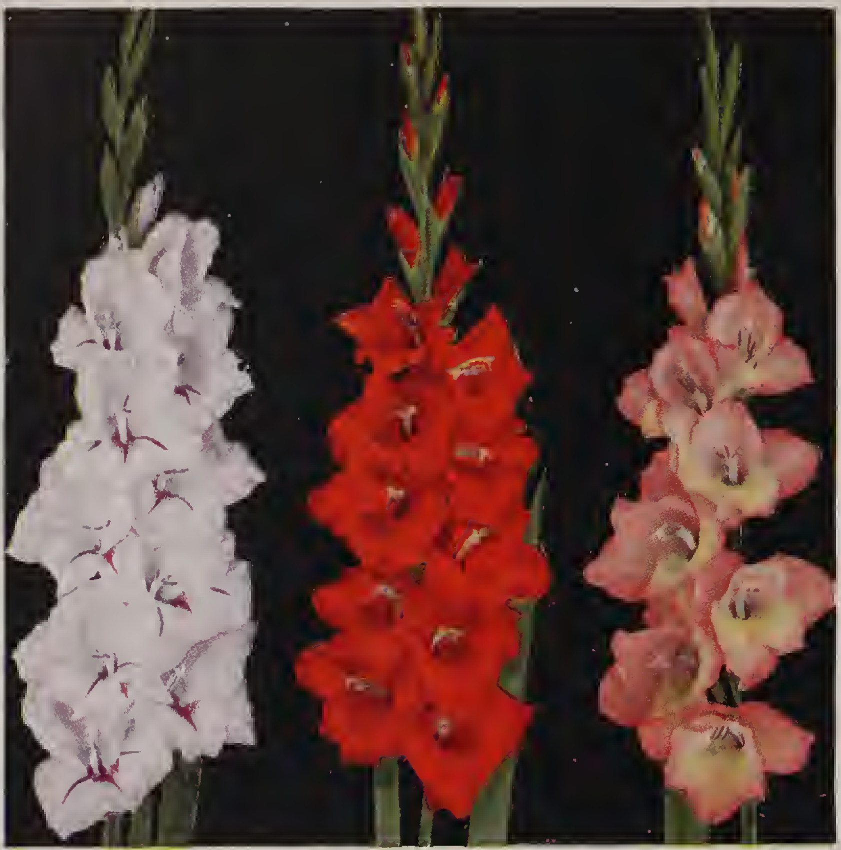
Probably no Dahlia introduced in recent years aroused so much interest and excitement as Jane Cowl. Honors have been heaped on it at national and local flower shows. The color, which is buff and old-gold, with tints of salmon, bronze, and gold, combined with the large size, put it foremost among the Informal Decorative types. Strong, stiff stems permit many uses in decorative work. Roots 50c. each.

DAHLIA, Miniature

DAHLIA, Jane Cowl



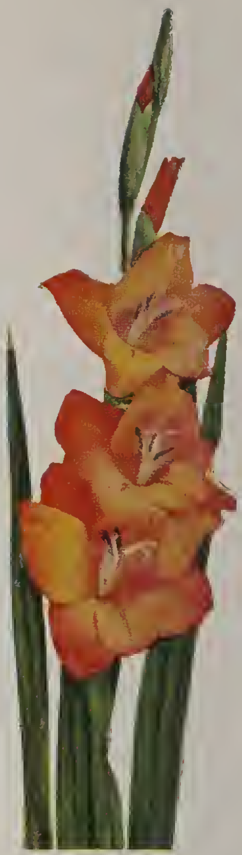
Betty Nuthall



Ruth Huntington

Flaming Sword

Picardy



Alice Tiplady

MICHELL'S GORGEOUS GLADIOLUS

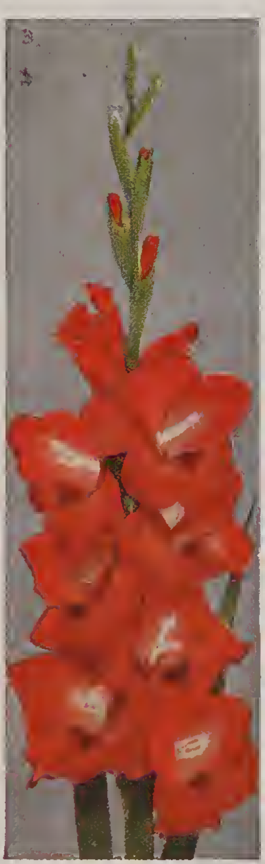
No other summer-flowering bulbs are as desirable and delightful as Gladiolus. They are easily cared for, giving long spikes of lovely blooms and a color selection that will satisfy the most critical gardener. The ten varieties pictured here include leading popular sorts.

	3	Doz.	100
Alice Tiplady. Orange-saffron		$0.50	$3.50
Anna Eberius. Purple	$0.20	.60	4.00
Betty Nuthall. Salmon-pink	.25	.75	5.00
Commander Koehl. Scarlet	.35	1.00	7.00
Flaming Sword. Bright scarlet	.25	.75	5.00

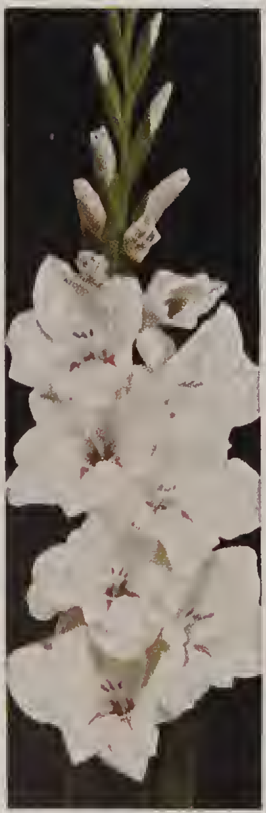
	3	Doz.	100
Mrs. Frank Pendleton. Salmon-pink	$0.20	$0.60	$4.00
Peace. Pure white, lilac feather	.20	.60	4.00
Picardy. Flesh-pink	.35	1.00	7.00
Ruth Huntington. Violet-lilac	.25	.75	5.00
Schwaben. Pure yellow	.25	.75	5.00

Michell's Collection of Gorgeous Gladiolus. Three bulbs of each of the ten varieties (30 bulbs) for only. $2.00

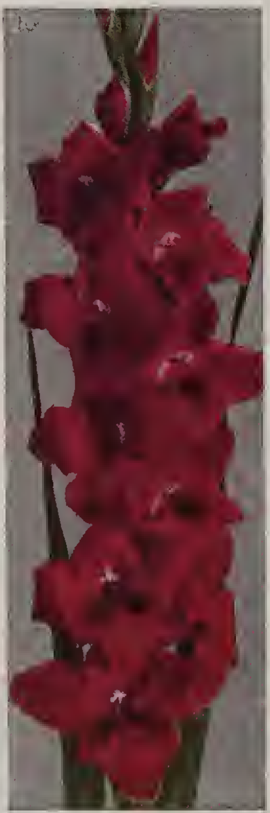
Six bulbs of each of the 10 varieties (60 bulbs) for only $3.75



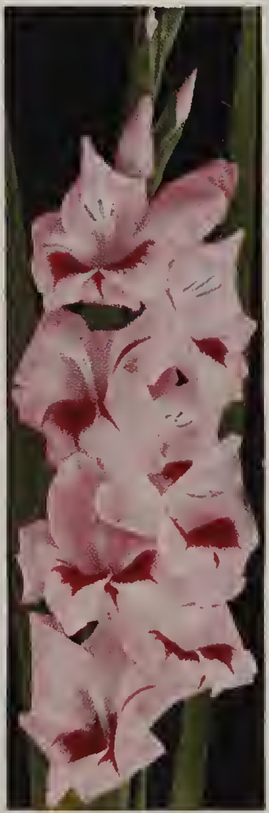
Commander Koehl



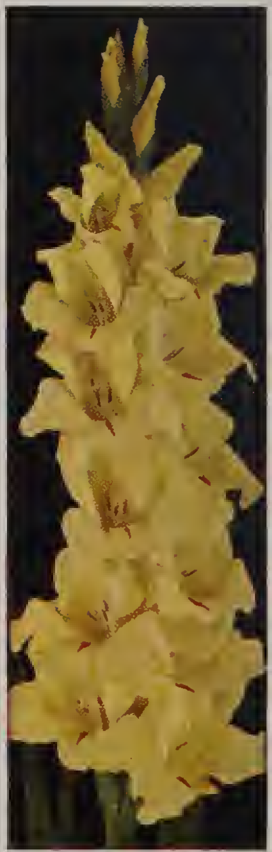
Peace



Anna Eberius



Mrs. Frank Pendleton



Schwaben

MICHELL'S MERITORIOUS DAHLIAS, continued

DECORATIVE TYPES, continued

D., Decorative; ID., Informal Decorative; FD., Formal Decorative

Kemp's Violet Wonder. ID. Large, well-formed, bright violet-purple flowers. Roots, 50c. each.

Kentucky. ID. Pure salmon-pink, similar in habit and form to Jersey's Beauty. Roots, 35c. each.

King Midas. ID. Mammoth golden yellow blooms. Strong, vigorous grower. Roots, 50c. each.

Lady Lyndora. ID. A beautiful pure pastel pink of foliage, size, and stem to carry it through. Bush semi-dwarf. A free bloomer. Roots, 50c. each.

Lord of Autumn. ID. Flowers rich, deep golden yellow, with formation as wonderful as the size. A marvelous grower with stems strong and erect. Roots, $2.50 each. Plants, $1.25 each.

Man o'War. ID. Rich carmine, changing to ox-blood-red in center. Strong grower, with cane-like stems holding the flowers erect. Roots, $2.00 each. Plants, $1.00 each.

Mardi Gras. FD. Large, well-formed American-Beauty-rose flowers with good stems. Roots, 50c. each.

Marshall's Pink. FD. An exquisite and beautiful shrimp-pink, similar in shape and form to Jersey's Beauty. Especially fine for cutting. Extra-long, stiff stems. Dark foliage. Free bloomer. Roots, 50c. each.

Meadowbrook. FD. Imposing, regular blooms of lilac, veined rosy magenta. An exceptionally strong and rugged grower, with heavy foliage and very long, erect stems. Roots, 75c. each.

Mercury. FD. A beautiful combination of orange-buff and begonia-rose, blended and striped in a manner hard to describe; petals are of good substance. Very attractive flower on fine stems. Roots, 75c. each.

Monmouth Champion. FD. Brilliant orange-flame. Strong grower. Roots, 50c. each.

Mrs. Alfred B. Seal. ID. Large, perfectly formed, old-rose and lavender flowers with good centers. Roots, 50c. each.

Mrs. Eleanor Martin. ID. Flowers of elegant form, beautiful mulberry, suffused gold. Roots, 50c. each.

Mrs. I. de Ver Warner. FD. Mauve-pink. Early and free bloomer. Roots, 25c. each.

Mrs. John W. Stockwell. ID. The large, full flowers have slightly curled petals, giving them a graceful and refined appearance; color, amaranth-pink, shading to rose-pink at base. The blooms average 9 inches, with always a full center. A fine, healthy open bush, 6 to 7 feet high. Stems long and straight. Roots, $1.00 each.

Murphy's Masterpiece. ID. Immense, dark red blooms, held erect on good stems. A stocky grower and good bloomer. Roots, $3.00 each. Plants, $1.50 each.

Myra Howard. ID. A glowing combination of saffron and gold, with tints of salmon; giant deep flower and distinct in form and color. Roots, $1.00 each.

Old Hickory. FD. Large blooms, full centers, color madder-red with apricot suffusion. Roots, 50c. each.

Omar Khayyam. FD. A sensational variety of unusual coloring—Chinese red at base of petals, shading to bright orange and tipped lighter—making a wonderful soft color-effect. Tall, healthy grower. Roots, 50c. each.

Oriental Glory. ID. Cadmium-orange, overlaid with scarlet. Fine foliage, good stems and a free bloomer. Roots, $1.00 each.

Patricia Ann. FD. An immense bloom of picric-yellow, blending to alizarine-pink. Roots, 75c. each.

Pride of California. D. Large, brilliant, glowing cardinal-red flowers. Good cut-flower. Roots, 25c. each.

Prince of Persia. ID. Very dark red, with velvety markings; immense blooms, very deep, often a foot across. Roots, 75c. each.

Queen of the Garden Beautiful. FD. Immense primrose-yellow blooms, facing upward on strong stems. Free bloomer. A favorite variety. Roots, 50c. each.

Ray Warner. FD. Considered the most beautiful luminous pink Dahlia. A cross between Jersey's Beauty and Little Jewel. Dwarf in habit, a rapid grower and a profuse bloomer. Flowers 7 to 8 inches in diameter. Excellent for artistic decorating. Roots, $1.00 each.

Rising Sun. FD. An attractive and very much admired variety. Sunflower-yellow, shaded and suffused fire-red; stems strong and erect. Roots, 50c. each.

Robert Emmet. ID. Velvety cardinal-red blooms of giant size and great beauty, on long, stiff stems. Foliage dark green, insect-resisting. Profuse bloomer. Roots, $1.50 each.

Royal Dutch. ID. Large, apricot-orange flowers suffused rose, on strong stems. Roots, $1.50 each.

Sagamore. FD. Rich amber-gold, shaded toward the center with salmon-rose or orange-buff. Roots, 35c. each.

Decorative Dahlia

Salem Pride. FD. Large, deep, reddish violet blooms, suffused and lightly streaked white, on good stems. A very desirable variety. Roots, 50c. each.

Salmon Supreme. FD. Glistening salmon-orange-pink. A very popular Dahlia, held erect on good, stiff stems and admired by everyone. Roots, 50c. each.

Sanhican's Bluebird. ID. A pleasing near-to-blue Informal Decorative type, with outer petals of bright violet-blue, center petals violet. An attractive flower on wiry stems. Roots, 35c. each.

Sanhican's Lavender. FD. White, with tips of orchid-lavender, deepening as flowers mature. Flowers grow high above the foliage, on long, straight stems. Free bloomer. Roots, 75c. each.

Sanhican's Queen. FD. A blending of apricot, with a faint brushing of carmine-rose, deepening toward the center. Roots, 50c. each.

Somerset. ID. Free and early bloomer. Salmon and old-rose, blending deeper with age, with an occasional touch of lavender on reverse. Roots, 35c. each.

Strongheart. ID. An artistically formed Dahlia of immense size on perfect stems. Color a beautiful light cadmium, shaded apricot. The foliage is insect-resistant. Roots, $1.00 each.

Sultan of Hillcrest. FD. Extra-large blooms on straight, stiff stems; soft autumn color, with yellow reverse. One of the finest varieties grown. Roots, $2.00 each. Plants, $1.00 each.

The Commodore. ID. One of the largest and most spectacular yellow Dahlias, many of the blooms attaining 1 foot across and of good depth; color a brilliant lemon-yellow; petals long and broad. Exceedingly free bloomer. Roots, 50c. each.

The World. FD. Rich, deep rosy magenta, overlaid garnet, with silver shadings on edges. Roots, 50c. each.

Thomas A. Edison. FD. Royal purple exhibition variety, named by permission of the famous electrical wizard. Roots, 75c. each.

Treasure Island. FD. Bright apricot, with gold and rose suffusion and shadings; flowers measure 10 inches across. Roots, 50c. each.

Watchung Sunset. FD. A large, lavender-pink bloom, held on long stems. Roots, 50c. each.

White Empress. ID. Flower almost a pure white. A strong, healthy grower, with heavy foliage; stems strong and erect. Roots, 50c. each.

White Wonder. ID. Giant pure white blooms, with long-pointed, twisted and curled petals. Strong, vigorous, bushy growth. Roots, $1.00 each.

World's Best White. ID. A very perfect white of the large-flowering type for exhibition or the garden, with blooms measuring 9 inches across. A profuse bloomer on stiff stems. Roots, 75c. each.

MICHELL'S MERITORIOUS DAHLIAS, continued

Cactus Dahlia

Cactus Types

C., Cactus; SC., Semi-Cactus; IC., Incurved Cactus

Alice Whittier. SC. Large primrose-yellow flower on long stems. Roots, 50c. each.

Ambassador. C. A good cut-flower. Soft yellow-buff blooms, shaded salmon-pink. Roots, 50c. each.

Amelia Earhart. SC. Apricot-buff, with salmon tints, shading to soft yellow at bases of petals; exceptionally large blooms on good stems. Roots, $3.00 each. Plants, $1.50 each.

American Triumph. IC. Oriental or bright, clear red blooms with full centers on straight, strong stems. A fine garden and exhibition variety and a good keeper. Roots, 50c. each.

Cigarette. Creamy white, heavily edged orange-red; petals long and inclined to roll, forming a deep flower. Roots, 35c. each.

Daddy Butler. SC. Exceptionally fine for exhibition. Flowers of American-Beauty-rose shade or rosy carmine, with reverse of rolled petals a lighter tint. Profuse bloomer. Roots, 35c. each.

Dorcas Ann. SC. An attractive pink, with rose suffusion and sulphur-yellow shadings at center. Fine for cutting and baskets. Long, strong stems. Roots, $2.50 each. Plants, $1.25 each.

Edna Ferber. SC. Flowers very large, coral, shading to old-gold at bases of petals. Roots, 50c. each.

Elite Gem. C. Spinel-pink-blush, primuline-yellow at base. Beautiful cut-flower. Roots, 75c. each.

Ella May. C. Flowers large and deep, with full centers, rich crimson-carmine. Roots, 50c. each.

Emma Marie. SC. Clear violet-rose, with creamy white center. Wonderful cut-flower. Roots, 35c. each.

Frau O. Bracht. C. Clear primrose, finely formed flowers on stiff stems. Good for exhibition or cutting. Roots, $1.00 each.

Golden Sonne. Extra-large, graceful, rich golden yellow flowers with soft rose suffusion. Roots, 50c. each.

Jersey's Melody. SC. A beautiful tint of Tyrian rose, shading to silver on tips, with a silver reverse — a striking color. Flowers of fine form on long, stiff stems. Roots, 75c. each.

Josephine G. SC. Very pleasing true rose-pink flowers of a bright shade, some petals tipped deep yellow. A wonderful, sturdy bush, with flowers well above the dense foliage. Prolific bloomer. Roots, 50c. each.

Kalif. SC. Rich carmine or strawberry-red. An excellent cut-flower variety. Roots, 35c. each.

Kay Francis. SC. Flowers light lemon-yellow, clear and pure, on long, strong, stiff stems. Exceptionally fine for exhibition and a very early bloomer. A winner of many prizes. Roots, $2.50 each. Plants, $1.25 each.

La Fiesta. SC. Buttercup-yellow, penciled red. The color variations are interesting as at times the red blends with the yellow in such a manner as to give the flower a salmon-pink tone. The curl and twist of its lacy petals give this flower the appearance of a large chrysanthemum. A prize-winner at many shows, its large blooms being decidedly different. Roots, $1.00 each.

Lilac Glory. IC. One of the prettiest Cactus varieties grown. Blooms soft violet-rose, with silver shadings, on long, slender stems but strong and erect. Roots, 50c. each.

Margaret Bouchon. C. Free bloomer. Rose and white. An old favorite still in demand. Roots, 40c. each.

Mariposa. SC. Beautiful shade of true pink, center intensified and suffused with a faint violet; narrow, incurved petals. Sturdy grower and a great favorite. Roots, 35c. each.

Maryland Orange. SC. Bright orange, with orange-cadmium shadings. Good color and type. Free bloomer. Roots, 50c. each.

Meta Scammell. SC. Clear amaranth-pink. A gorgeous cut-flower. Very artistic. Roots, 50c. each.

Minnie Eastman. SC. Beautiful, bright flame-colored Dahlia with undershadings of deep yellow; stems long. Roots, 75c. each.

Miss Belgium. C. Exceptionally large, beautiful orange blooms with good foliage and strong stems. Plants only, 50c. each.

Miss Elsie Jane. SC. Most artistically formed blooms of shrimp-pink, with cream shadings at center, tipped violet-rose. Long, wiry stems. Roots, $1.50 each. Plants, 75c. each.

Oriental Beauty. SC. Very artistic, deep blooms of clear, bright violet-rose on strong stems. Plants only, 50c. each.

Palo Alto. SC. Clear, bright salmon, shading to gold; flowers of good substance, with uniform full center. Winner of Achievement Medal. Roots, $1.50 each. Plants, 75c. each.

Paul Pfitzer. SC. A German introduction that has been the center of attraction at the American Dahlia Society Shows in New York. The flower is a pleasing combination of shell-pink and primrose-yellow, making a wonderful addition to the Cactus class. Stems long, straight, and stiff. Free bloomer. Roots, $1.00 each.

Rheinischer Frohsinn. IC. Long, incurved petals, white at base, suffusing to luminous carmine-rose. A real cut-flower. Roots, 50c. each.

Roycroft. SC. Immense, scarlet and gold flowers on long, erect stems. Roots, 35c. each.

Satan. SC. A sensation for its striking beauty, formation, and coloring. Here is really an outstanding variety. Blooms average 10 to 12 inches in diameter and 6 inches in depth; color, flaming scarlet with orange-salmon at base of each petal; last a long time when cut. Roots, $1.00 each. Plants, 50c. each.

Siskiyou. SC. Pink, tinged mauve. One of the largest varieties. Has created quite a sensation at shows. Roots, 50c. each.

Star of Bethlehem. SC. Pure white blooms with petals finely pointed at tips, and a very high full center, giving a star effect. Truly a wonderful Dahlia. In a class by itself. Roots, $1.00 each.

MICHELL'S DAHLIA COLLECTIONS

Furnished in strong roots

Buy your Dahlias from specialists. It has been our privilege to bring before the public new introductions which have been well received. To stimulate larger plantings, we offer the following Collections as an inducement for you to obtain an assortment of meritorious varieties at a very reasonable price. When ordering these Collections, please stipulate name and number and when delivery is desired.

No. 1. Superb Collection, $4.00

Value, $5.25

American Legion
Cameo
Eagle Rock Fantasy
Meadowbrook
Satan

No. 2. Beauty Collection, $2.25

Value, $2.85

Bagdad
Derrill W. Hart
Eastern Star
Indiana Moon
Lady Lyndora
Salem Pride

No. 3. Garden Collection, $1.00

Value, $1.45

Avalon
Harry Mayer
Jean Kerr
Jersey's Beauty
Pride of California

Pompon Dahlias are excellent cut-flowers

MICHELL'S MERITORIOUS DAHLIAS, continued

The Dahlia as a cut-flower enhances the beauty of any decoration you may make. It is a prolific bloomer, a single bush producing blooms for many weeks. The best time to cut flowers is in the early morning. Mature flowers should be selected, the stems cut slantwise with a sharp knife, the lower leaves stripped off, and the ends of the stems either burned or dipped in boiling water for half a minute. The Dahlias should then be placed in deep containers full of cold water and put in a cool place, free of drafts; if the ends of the stems have become dry, they should be cut before being placed in water.

Pompon Varieties

A miniature form of Ball Dahlias. Very popular and used extensively for table decorations.

MICHELL'S SELECTED POMPON DAHLIAS

See color illustration opposite page 80

Bob White. Pure white, with a cast of yellow. Long stems. Excellent variety for cutting. Roots, 25c. each.

Honey. Pale yellow with faint suffusion of red on edges of petals. Free bloomer. Long stems. Excellent for cutting. Roots, 35c. each.

Johnny Peppin. Small, beautifully formed dark crimson blooms. Firm stems. Roots, 35c. each.

Sonny. A perfect exhibition type. Pinkish cinnamon. An early and free bloomer, with very long stems. Roots, 35c. each.

Sunset. Delightful orange. Very popular. Roots, 35c. each.

Taka's Purple. A very desirable variety of good blooming quality and strong stems. Roots, 35c. each.

Yellow Gem. Pure light yellow. Free bloomer. Long stems. Excellent for cutting. Roots, 25c. each.

COLLECTION: One root each of above 7 varieties for $2.00; 3 roots of each (21 roots) for $5.50

Bronze Beauty. A beautiful golden apricot. Free bloomer and good for cutting purposes. Roots, 25c. each.

Charming. Lavender-pink. Fine for exhibition or cutting. Roots, 35c. each.

Cora May. Salmon-pink, shading to light primrose-yellow. Roots, 35c. each.

Dee Dee. A perfectly formed pure lavender, small and dainty, with long stems. Roots, 25c. each.

Edith Mueller. Tyrian-pink, with silver reverse. Free bloomer, with a very fine stem. A charming variety. Roots, 35c. each.

Goldilocks. Pure gold, deepening at center. Roots, 35c. each.

Jack. Purple-garnet blooms, perfectly formed, throughout the season. An incessant bloomer. Roots, 35c. each.

Jill. Soft yellow, suffused and tipped carmine. A bright, colorful variety with small, uniform blooms on long stems. Free blooming. Roots, 35c. each.

Joe Pette. The best and smallest white for exhibition or cutting. Roots, 25c. each.

Johnny. The smallest Pompon grown. Dark red or maroon. Roots, 35c. each.

Libby Rohr. A very fine cerise-purple variety, a color needed for the dark tone in arrangements. Roots, 35c. each.

Little Edith. Gold, suffused red. Free bloomer. Excellent for cutting. Roots, 25c. each.

Marietta. Dark red. Roots, 35c. each.

Pixy. Very small, deep yellow blooms, heavily tipped Indian-red. Roots, 35c. each.

Ball Varieties

This class is very fine for cut-flower purposes

American Beauty. An extra-large-flowering red variety. Roots, 25c. each.

Gold Medal. Deep golden yellow, tipped and suffused Oriental red. Very fine for cutting. Roots, 35c. each.

Maude Adams. Clear shell-pink. An old favorite, hard to surpass. Roots, 25c. each.

Mrs. C. D. Anderson. An excellent cut-flower variety on long stems. Color, deep garnet. Roots, 35c. each.

Large Single Varieties

Open-centered flowers with only one row of ray florets, regardless of form or number of florets.

Doris. Deep velvety carmine, tipped pure white. Very spectacular. Roots, 25c. each.

Fragrance. Each petal is snow-white, with a broad margin of bright scarlet. Roots, 50c. each.

Garnet Poinsettia. Glowing garnet, with rich, glistening sheen. Roots, 25c. each.

Lois. A charming new introduction. Color violet-rose, with yellow center. Roots, 35c. each.

Miniature Dahlias

This class embraces small Decorative and intermediate sorts between Pompon and Ball types. They are excellent for basket arrangement or for cut-flowers. See color illustration opposite page 80.

MD., Miniature Decorative; MFD., Miniature Formal Decorative; MID., Miniature Informal Decorative; MC., Miniature Cactus; MP., Miniature Peony-flowered.

Baby Royal. MD. A gem for any garden. Salmon-pink, shaded apricot, with yellow at base of petals. A winner of several awards. Roots, 75c. each.

Bishop of Landaff. MD. Brilliant rich red. Dark bronze-colored, lacy foliage. Roots, 50c. each.

Bluebird. MFD. This variety is unique and different, its coloring being the nearest blue in the smaller Dahlias. Color, bluish lavender. Roots, 50c. each.

Camellia. MFD. Bright orange-flame, center usually full, brilliant color; good keeper. Roots, 50c. each.

Coronne. MFD. Finely formed; pure white. Good keeper. Roots, $1.00 each. Plants, 50c. each.

Jean. MID. Apricot-buff, suffused lilac-rose. Very pretty and artistic. Roots, 75c each.

Kitty Bellair. MC. Tiny deep maroon flower. Very graceful. Roots, 50c. each.

Lady Mary Hope. MID. Amber and orange, tipped white. Roots, 50c. each.

Little Jewel. MFD. Peach-blossom-pink. Roots, 35c. each.

Muriel. MD. Old-rose, with center of each petal striped apricot. Full centers. Free bloomer on excellent stems. Roots, 50c. each.

Red Head. MID. Scarlet-orange, with blooms facing up, on nice stems. A fine keeper. Roots or plants, 50c. each.

Tiny. MP. Peach-color, with a bright golden center. Very artistic. Roots, 75c. each.

Orchid-flowering Varieties

This new race is excellent for landscape effect, gardens, table or other dainty decorations. Blooms often average 4 to 5 inches in diameter. Bush grows 2 to 3 feet in height. We recommend the following varieties.

Beaver. Crimson-maroon, with light-tipped narrow florets. Roots, 35c. each.

Everest. Pure white throughout. Roots, 35c. each.

Mavis. White-lilac ground, with deep reddish purple reverse. Roots, 35c. each.

Pinkie. Rose, mottled white. Roots, 35c. each.

Starfish. Pale flesh ground, with ruby reverse. Roots, 50c. each.

Mignon or Bedding Varieties

This is a single or duplex type of Miniature Dahlia. Plants are dwarf, averaging 1½ to 2 feet in height, and covered with blooms. Excellent for mass or border planting and flowers are very effective when used for table decoration.

Coltness Gem. Single, crimson-scarlet flowers of perfect form, borne in great profusion. Roots, 50c. each.

Lady Aileen. Clear rosy pink, with a darker ring at base. Roots, 75c. each.

Miss Kathleen Carwithen. Crimson-scarlet flowers. Dark, lacy foliage. Free bloomer. Good stems. Roots, 75c. each. Plants, 50c. each.

Pembroke. Clear yellow. A very free-blooming variety. Roots, 75c. each. Plants, 50c. each.

Princess Elizabeth. Light pink. Very free bloomer. Roots, 75c. each.

DAHLIAS BY COLOR

Though named sorts, these are not labeled as to variety. Extra-large divisions or clumps furnished in the following colors:

	Each	Doz.
Pink	$0 20	$2 00
Red	20	2 00
White	20	2 00
Yellow	20	2 00

Glads are easy to grow and are tops for cutting

Michell's Gorgeous Gladiolus

There is no other summer-flowering bulb that is enjoying so great popularity as the Gladiolus. Their adaptability to garden decoration or to use as cut-flowers during the summer and early autumn is surpassed by no other flower. They are not only showy in the garden, but when cut with the first flower open will last for ten days in the house. While they thrive in almost any good garden soil, better results may be had if soil is well prepared and enriched with some of our pulverized manures. Great improvements have been made in the size, color, and beauty of these flowers. Our list comprises the best of recent introductions as well as the most popular of the standard varieties. Plant bulbs 4 inches deep and from 4 to 6 inches apart.

Gladiolus, Mrs. Frank Pendleton

Michell's Special Gladiolus

See color illustration opposite page 81

	3 for	Doz.	100
Alice Tiplady. A beautiful and showy large-flowering, orange-saffron variety...		$0 50	$3 50
Anna Eberius. An extra-fine variety. Color rich velvety purple, with a deep purplish red blotch on the lower petals. Flowers large, on long spikes...........	$0 20	60	4 00
Betty Nuthall. One of the finest varieties of recent introduction. Flowers a soft tone of light salmon-pink with pale orange throat........................	25	75	5 00
Commander Koehl. A new introduction from Europe and one of the finest red varieties. Flowers large, on tall stems; brilliant scarlet-blood-red. Grows well under all weather conditions...........	35	1 00	7 00
Flaming Sword. Very early. Bright scarlet-red. A very good forcer............	25	75	5 00
Peace. Enormous, pure white flowers with lilac feather on the lower petal. Plant robust. Recommended for late planting.	20	60	4 00
Picardy. Clear flesh-pink, shading to soft shrimp-pink at edges of petals..........	35	1 00	7 00
Mrs. Frank Pendleton. Flowers very large, lovely flushed salmon-pink, carmine blotches in throat. Blooms are wide open on very wiry stems...................	20	60	4 00
Ruth Huntington. Large, violet-lilac blooms with deeper markings on lower petals. Strong grower. Spikes well formed. Should be in every collection...........	25	75	5 00
Schwaben. Soft pure yellow, with purple blotch on lower petals. Heavy spike and foliage. An old favorite..............	25	75	5 00

SPECIAL COLLECTIONS

		By Parcel Post
1 each of above 10 varieties (10 bulbs).........	$0 85	$0 95
3 each of above 10 varieties (30 bulbs).........	2 00	2 15
6 each of above 10 varieties (60 bulbs).........	3 75	3 95

Blue, Lilac and Purple Shades

	3 for	Doz.	100
Anna Eberius. See description below.......	$0 20	$0 60	$4 00
Berty Snow. Large, pinkish lavender flowers well placed on a long spike................	25	75	5 00
Byron L. Smith. Lavender-pink on white ground. Often referred to as the "Orchid-colored Glad." Flowers of good form; stems are rather slender, which adds to its grace..	25	75	5 00
Capt. Boynton. White, suffused lavender, blotched deeper in throat. A very attractive variety................................	25	75	5 00
Charles Dickens. An attractive, tall, vigorous grower. Large violet-red blooms, with darker blotches; 10 to 12 flowers open at one time..	30	90	6 00
Marmora. Extra-large, lavender-gray flowers, on long stems, many open at one time. A very attractive variety..................	25	75	5 00
Minuet. This variety has created a sensation in the showroom for several seasons. Light lavender, with 4 to 6 large, heavy blooms open at one time.......................	35	1 00	7 00
Mrs. Van Konynenburg. Light violet or lavender-blue—at least the nearest blue to date. Early midseason. Tall grower.......	30	90	6 00
Ruth Huntington. See description below...	25	75	5 00
Veilchenblau. The first large, violet-blue variety, and a great favorite. The color suggests that of the iris; lower petals have a darker blotch..............................	35	1 00	7 00

When cutting Gladiolus for the house, they should be cut as soon as the first one or two lower flowers are open; the remainder will open. Remove the flowers as they fade, cut off a little of the stem, and change the water every day to prolong the blooming period.

Gladiolus, Peace

MICHELL'S GORGEOUS GLADIOLUS, continued

If Gladiolus Bulbs are wanted by Parcel Post, add 10c. per doz., 25c. per 100, for postage to the First and Second Zones; for other Zones, see Parcel Post Table, page 1; larger quantities by Express

Pink Shades

	3 for	Doz.	100
America. A beautiful flesh-pink, tinged with lavender; flowers large, petals round, thick and strong; will last a long time after being cut. Free bloomer	$0 20	$0 60	$4 00
Annie Laurie. Heavily ruffled, delicate pink blooms overlaid with light rose, 4 to 6 open at one time. Strong grower. A distinctive variety, excellent for the garden, also for all forms of decorations	20	60	4 00
Betty Nuthall. See description, page 84	25	75	5 00
E. J. Shaylor. A tall, strong-growing variety with large flowers of a beautiful shade of pure deep rose-pink with well-ruffled edges. One of the best of its color	20	60	4 00
Evelyn Kirtland. Beautiful geranium-pink blooms, darker at the edges, with scarlet blotches on lower petals, well arranged on tall spikes	20	60	4 00
Giant Nymph. Large, light pink flowers, suffused with cream-yellow, on strong spikes	20	60	4 00
Halley. Large, well-expanded, salmon-pink flowers blotched yellow, with carmine markings. Very early	20	60	4 00
Jenny Lind. Clear salmon-pink, with creamy yellow throat. An ideal florists' variety	30	90	6 00
Le Marechal Foch. Flowers immense, beautifully ruffled, pale pink, flaked and striped deeper at edges of petals	20	60	4 00
Los Angeles. Flowers a soft shade of pink, feathered cerise at throat; tall and graceful. Blooms for a long period, producing 2 to 3 flowering spikes from the same bulb	20	60	4 00
Mr. W. H. Phipps. La-France-pink, overlaid light rose-salmon. One of the finest exhibition varieties	25	75	5 00
Mrs. Dr. Norton. Large flowers on graceful spikes, with 4 to 8 open at one time. Color white, with edges of petals suffused with soft La-France-pink. Tall grower. Splendid cut-flower	20	60	4 00
Mrs. Frederick C. Peters. One of the best of the recent introductions. Beautiful shade of rose-lilac, with soft crimson blotch. Very large flowers on long stems	20	60	4 00
Mrs. Frank Pendleton, See description, page 84	20	60	4 00
Mrs. Leon Douglas. Enormous flowers of begonia-rose, striped with flame-scarlet, lower petal lemon, speckled ruby	20	60	4 00
Mrs. P. W. Sisson. Large, cameo-pink flowers, with carmine blotch well placed, many open at a time. Gorgeous variety and an excellent keeper when cut	25	75	5 00
Nancy Hanks. Apricot, shading to orange-pink, with heavy red penciling on lip; blooms large and well placed	20	60	4 00
Panama. Clear pink with rose center; extra-fine flowers on long spikes	20	60	4 00
Picardy. See description, page 84	35	1 00	7 00
The Orchid. A new type, with long, narrow, graceful petals; color orchid over white, with rose-lilac markings in throat	30	90	6 00
Wilbrink. Flesh-pink, with creamy white blotch on lower petal	20	60	4 00

White Shades

	3 for	Doz.	100
Albatross. Immense, pure white blooms of unusual substance. One of the finest varieties	$0 40	$1 25	$8 00
Lily White. Large flowers. Excellent grower and heavy propagator. Very early. A fine cut-flower for the garden	20	60	4 00
Maid of Orleans. Large white flowers with cream centers, perfect in form on straight spike. Excellent for cutting	45	1 50	10 00
Mary Pickford. Delicate creamy white; throat finest sulphur-yellow. Very distinct and beautiful	25	75	5 00
Mrs. F. C. Hornberger. Large, pure white blooms with cream throats, well placed on strong spikes. One of the finest in this color and type	30	90	6 00
Peace. See description, page 84	20	60	4 00

Vase of Gladiolus

Red and Scarlet Shades

	3 for	Doz.	100
Commander Koehl. See description, page 84	$0 35	$1 00	$7 00
Crimson Glow. One of the best scarlet varieties, with throat overlaid with a velvety scarlet blotch. Large, wide-open flowers of good form that keep well as cut-flowers	20	60	4 00
Dr. F. E. Bennett. Peach-red, overlaid flame color, throat finely stippled ruby and white	25	75	5 00
Early Sunrise. A large-flowering variety of an iridescent shade of light red, with golden sheen in throat. Early flowering and fine for forcing	25	75	5 00
Flaming Sword. See description, page 84	25	75	5 00
Mrs. Francis King. A beautiful flame-pink with lighter throat; immense flowers on long spikes. An old favorite cut-flower variety	20	60	4 00
Paul Pfitzer. The best dark violet-red offered. Brilliant, large, heavily ruffled flowers. Vigorous grower. Should be in every collection	35	1 00	7 00
Persia. Deep crimson, almost black, medium-sized flowers, well placed. Exceedingly popular	25	75	5 00
Pfitzer's Triumph. Enormous blooms of bright salmon-orange, with very small deeper throat-blotch. On account of the gigantic flowers, the stems require staking. This variety is a sensation at all shows and is ideal for exhibition purposes	30	90	6 00
Virginia (Scarlet Princeps). Intense scarlet, slightly deeper in throat. Extra fine. Early and much in demand	20	60	4 00

When cutting Gladiolus for the house, they should be cut as soon as the first one or two lower flowers are open; the remainder will open. Remove the flowers as they fade, cut off a little of the stem, and change the water every day to prolong the blooming period.

MICHELL'S GORGEOUS GLADIOLUS, continued

Gladiolus

Unnamed Gladiolus (In separate colors)

This assortment is made up of good varieties, especially blended for color and shadings. Only choice types and varieties are used.

	Doz.	100
White and Light	$0 60	$4 00
Yellow and Orange	60	4 00
Red	60	4 00
Pink	60	4 00

Gladiolus, Yellow Shades

	3 for	Doz.	100
Belinde. Long spikes, well filled with large, delicate creamy yellow blooms	$0 25	$0 75	$5 00
Gold Eagle. Extra early. Deep rich yellow, slightly ruffled	20	60	4 00
Golden Frills. Deep yellow, penciled rose; very much ruffled	20	60	4 00
Golden Measure. Tall spike with many large, pure golden yellow flowers, several in bloom at one time. A winner at exhibitions	25	75	5 00
Schwaben. See description, page 84	25	75	5 00

Mixtures of Gladiolus

Michell's Giant Exhibition. Every bulb for this mixture has been selected with the utmost care for coloring and size of flowers. No other mixture can boast of such careful selection. Doz. 50c.; $3.25 per 100; per 1000, $27.50.

Primulinus Varieties

This class of Gladiolus is very popular for its early-blooming qualities and the artistic shadings and markings of its blooms. Especially valuable for cutting for vases and table decorations for which they excel all other Gladiolus.

	3 for	Doz.	100
Alice Tiplady. See description, page 84		$0 50	$3 50
La Paloma. Large, brilliant orange flowers. Vigorous grower	$0 30	90	6 00
Maiden's Blush. Beautifully formed, enchantress pink flowers on long stems. Very dainty flowers on graceful spikes. Early flowering		50	3 50
Orange Queen. Large, wide-open flowers of a warm tint of purest apricot		60	4 00
Souvenir. A beautiful and attractive golden yellow variety with tall-stemmed large flowers facing forward. Early flowering		50	3 50
Primulinus Major Hybrids, Mixed. This mixture is made up from the newest hybrids and contains the most beautiful and delicate tints, making the most harmonious blendings. $27.50 per 1000		45	3 00

We shall be pleased to supply any varieties of Gladiolus not listed. Send us a list of your requirements.

Michell's Hardy Garden Lilies

A garden is not complete without a planting of Hardy Lilies. They do exceedingly well in the herbaceous border. The varieties listed can be planted in the early spring months, and it is recommended that they be planted among hardy perennials, as the shade from the surrounding plants is necessary for their welfare.

Cultural Directions. All Hardy Lilies should be planted from 6 to 8 inches deep, the Japan varieties even 12 inches deep. The bulbs should be completely enveloped in sand and no manure should come in contact with them, but may be placed 4 to 6 inches underneath. All loose-petaled bulbs should be planted on their side instead of upright. Cover with leaves or litter during winter. Our Bulb-growing Guide gives full instructions on the growing of Lilies; ask for free copy.

If Lily Bulbs are wanted by Parcel Post, add 25c. per doz. for postage

Japanese Lilies

Auratum. Golden-banded Lily. Enormous flowers, frequently measuring 8 to 12 inches across, pure white, spotted crimson, each petal marked in the center with a band of yellow; delightfully fragrant. Blooms in August.

	Each	Doz.	100
Large bulbs, 8 to 9-in. circum.	$0 30	$3 00	$20 00
Mammoth bulbs, 9 to 11-in. circum.	40	4 00	27 50
Monster bulbs, 11 to 13-in. circum.	50	5 50	40 00
Jumbo bulbs, 13 to 15-in. circum.	75	8 00	60 00

Speciosum album. The best late-flowering, pure white, hardy garden Lily of easy culture. The graceful stems and foliage are set off to wonderful advantage by the pure white blooms.

	Each	Doz.	100
Large bulbs, 8 to 9-in. circum.	$0 35	$3 50	$25 00
Mammoth bulbs, 9 to 11-in. circum.	45	4 50	35 00

Lilium speciosum

MICHELL'S HARDY GARDEN LILIES, continued

Speciosum magnificum. An enormous, rich deep pink flower spotted crimson. 3 ft. August.

	Each	Doz.	100
Large bulbs, 8 to 9-in. circum	$0 30	$3 00	$22 50
Mammoth bulbs, 9 to 11-in. circum	40	4 00	30 00
Monster bulbs, 11 to 13-in. circum	55	6 00	45 00
Jumbo bulbs, 13 to 15-in. circum	90	10 00	75 00

Speciosum Melpomene. Deep pink, spotted red.

	Each	Doz.	100
Large bulbs, 8 to 9-in. circum	$0 30	$3 00	$22 50
Mammoth bulbs, 9 to 11-in. circum	40	4 00	30 00
Monster bulbs, 11 to 13-in. circum	55	6 00	45 00
Jumbo bulbs, 13 to 15-in. circum	90	10 00	75 00

Speciosum rubrum (Speciosum roseum). Delicate pink, almost white blooms, spotted red. One of the old garden favorites. 3 ft. Aug., Sept.

	Each	Doz.	100
Large bulbs, 8 to 9-in. circum	$0 30	$3 00	$22 50
Mammoth bulbs, 9 to 11-in. circum	40	4 00	30 00
Monster bulbs, 11 to 13-in. circum	55	6 00	45 00
Jumbo bulbs, 13 to 15-in. circum.	90	10 00	75 00

	Each	Doz.	100
Henryi. Yellow Speciosum Lily. Tall grower, often 7 feet high and produces flowers of a distinct orange-yellow in great profusion. July, Aug.	45	4 50	30 00
Krameri (japonicum). Blush-pink. 3 ft. June, July	40	4 00	30 00
Tigrinum flore-pleno. Tiger Lily. Orange, spotted black; double	30	3 00	22 50
Tigrinum splendens. Large single blooms and more of them than Tigrinum	25	2 75	20 00

Lilium philippinense formosanum

This gorgeous Lily is a profuse bloomer, easy to grow and one of the finest garden varieties recently introduced. It is of graceful bushy growth, with long, grassy foliage. The pure white, very fragrant blooms resemble an Easter Lily, in both size and form. When they first open they are slightly colored externally with reddish brown; this coloration fades as the flower matures. As it is a stem-rooting variety, it should be planted about 8 inches deep. It likes a sunny location and will do best in a soil free from lime. 30c. each; doz. $2.50; $16.00 per 100.

Regal Lily • Lilium regale

One of the finest garden Lilies introduced. On sturdy stems, 3 to 5 feet high, are produced an abundance of large, beautiful flowers, the centers of which are flushed bright golden yellow, shading off to creamy white at outer edges. Externally the flowers are streaked with brown, shaded a delightful pearly tint. Should be planted in fall or early spring, 8 to 9 inches deep. Commences flowering in July. This variety has also been used for forcing with very good results.

	Each	Doz.	100
Large selected bulbs, 7 to 9-in. circum	$0 30	$3 25	$22 50
Mammoth bulbs, 8 to 9-in. circum	35	3 50	25 00
Monster bulbs, 9 to 10-in. circum.	50	4 00	35 00
Jumbo bulbs, 10-in. and up	75	8 00	60 00

Lilium cernuum

A rare and beautiful species with slender but rigid stems and grass-like foliage. The flowers are shaped like those of *L. tenuifolium*, which it resembles in habit and growth, but the color is a deep lilac-pink, spotted wine-color and it is deliciously fragrant. Stem-rooting. 2 ft. June, July. 40c. each; doz. $3.50.

Miscellaneous Japanese Lilies

	Each	Doz.	100
Auratum platyphyllum (Macranthum). Giant Golden-banded Lily. 4 to 5 ft. Aug.	$0 50	$5 00	$40 00
Batemanniæ. Apricot-colored. 3 ft. July	40	3 50	25 00
Hansoni. Often grows from 3 to 5 feet high. Blooms reddish orange, 8 to 12 in a cluster. June	60	6 25	45 00

Collection Hardy Lilies

See color plate facing page 88

Mammoth bulbs, 1 each of 5 varieties (5 bulbs), $1.50, postpaid
3 each of 5 varieties (15 bulbs), $4.25, postpaid

Lilium regale

American or Native Lilies

	Each	Doz.	100
Canadense. Canadian Bellflower Lily. Bright yellow flowers, spotted black inside. 3 to 5 ft. June, July	$0 30	$3 00	$22 50
Canadense rubrum. Same type as above. Crimson with black spots. 3 to 4 ft. Aug.	35	3 50	25 00
Davuricum. Upright scarlet flowers. 2 to 3 ft. June, July	35	3 50	25 00
★**Elegans, Leonard Joerg.** Rich apricot-pink	30	2 75	20 00
★**Elegans, Mixed.** Shades of orange. 2 ft. June, July	30	2 75	20 00
Pardalinum. Orange, spotted crimson. 4 to 6 ft. July	35	3 50	25 00
Superbum. Turk's-Cap Lily. Grows from 4 to 5 feet high and produces from 15 to 25 orange-red flowers on a stalk. Aug.	35	3 50	25 00
★**Tenuifolium.** Coral Lily. A very graceful, dwarf Lily with thread-like leaves and clusters of tiny, bell-like, recurved flowers of brilliant coral-red. 1½ ft. June	25	2 25	15 00
★**Umbellatum.** Orange-scarlet. 2 ft. June.	35	3 25	25 00

The varieties marked ★ are excellent for the rockery

Lily-of-the-Valley

Michell's Superb Exhibition Type

Cold Storage

The hit of recent spring flower shows. We offer the finest strain produced, with unusually large pips that produce giant spikes with massive bells. By all means grow a succession of these pips for a continuous display.

Doz.	$1 25	250	$17 50
25	2 25	500	34 00
100	8 00	1000	65 00

Michell's Fancy-flowering

Doz.	$1 00	250	$14 00
25	1 75	500	27 00
100	6 00	1000	50 00

Bundles. For outdoor planting only. Bundles contain 12 good-sized pips, with good root-growth, all of which will flower with the proper care. They are especially imported from abroad, the best of the stock being selected for us. We can make shipment of these up to May 1. 50c. per bundle (by Parcel Post, 60c.); doz. bundles, $5.50 (by Parcel Post, $5.75); $40.00 per 100 bundles.

GARDEN LILIES—By Preston

Preparation of the soil, planting the bulbs, and general care are described in detail. 128 pages. Price, $1.25.

MICHELL'S SUMMER-FLOWERING BULBS

Amaryllis

Amaryllis

Cultural Directions. There are few bulbs which will give the amateur gardener (or even the professional) more for his money or time than the Amaryllis.

Place the bulbs, when they are procurable (usually from fall until spring), in pots 4 to 6 inches or more in diameter, and cover only to the shoulder of the bulb, leaving the neck protruding. Use a rich sandy loam, mixed with some bonemeal or sheep manure. Water sparingly at first, but increase as the growth increases. A temperature of from 50 to 60 degrees is the most suitable. The flower-spikes, often 3 to a bulb, will develop quickly, and each bears several of the immense, beautifully colored, lily-like flowers.

After blooming, it takes the foliage a considerable time to complete its growth, and the plants should be well cared for during that period, to insure next year's blooming. Dry off gradually and after the leaves turn yellow, keep the pots in a cool and dark place for about 4 or 5 months, when they can be started again as described above.

If wanted by Parcel Post, add 20c. per doz. for postage

GIANT AMERICAN HYBRIDS

The finest race of Amaryllis in cultivation, exceeding in size and fine form of their flowers as well as in the diversity of colors and markings, all former hybrids. Flowers striped and flaked. We offer mixed colors only. See color illustration, third cover page.

	Each	Doz.
Large selected bulbs	$0 50	$5 50
Choice mammoth bulbs	75	8 00

Michell's Superb Tuberous-rooted Begonias

Our strain is the finest grown. The enormous flowers are of the most exquisite coloring and are produced in great abundance. These can be grown in porch- or window-boxes, or in the garden in semi-shady places; can be started in pots indoors very easily. Plant outdoors in May, in a light, well-drained soil where they will flower uninterruptedly from latter part of June till frost.

If wanted by Parcel Post, add 10c. per doz., 20c. per 100, for postage
Single bulbs mailed free

SINGLE BEGONIAS (Large bulbs)

	Each	Doz.	100		Each	Doz.	100
Crimson	$0 20	$2 15	$16 00	**Scarlet**	$0 20	$2 15	$16 00
Orange	20	2 15	16 00	**White**	20	2 15	16 00
Pink, Rose	20	2 15	16 00	**Yellow**	20	2 15	16 00
Salmon	20	2 15	16 00	**Mixed**	20	2 15	16 00

DOUBLE BEGONIAS (Large bulbs)

	Each	Doz.	100		Each	Doz.	100
Crimson	$0 25	$2 50	$19 00	**Scarlet**	$0 25	$2 50	$19 00
Orange	25	2 50	19 00	**White**	25	2 50	19 00
Pink, Rose	25	2 50	19 00	**Yellow**	25	2 50	19 00
Salmon	25	2 50	19 00	**Mixed**	25	2 25	17 00

BEGONIA CRISPA (Large bulbs)

The edge of each flower petal is exquisitely frilled.

	Each	Doz.	100		Each	Doz.	100
Orange	$0 25	$2 50	$19 00	**Scarlet**	$0 25	$2 50	$19 00
Pink and Rose	25	2 50	19 00	**White**	25	2 50	19 00
				Yellow	25	2 50	19 00
Salmon	25	2 50	19 00	**Mixed**	25	2 25	17 00

BEGONIA LLOYDI, Hanging-Basket Type

Unsurpassed for vases, hanging-baskets, porch- and window-boxes.

	Each	Doz.	100
Mixed Colors	$0 25	$2 50	$19 00

Fancy-leaved Caladiums

These are grown for us by one of the leading hybridizers. They are charming conservatory plants. Being of a tropical nature, they like a warm temperature. They do quite well outdoors during the summer if planted in a shaded place. The foliage covers a wide range of colors, making a grand display. Bulbs should be started in moss with plenty of bottom heat. See color illustration, third cover page.

Ask for leaflet on their culture and care.

EXTRA HIGHLY COLORED NAMED VARIETIES

35c. each; doz. $3.50 (by Parcel Post, $3.60); $25.00 per 100.

MIXED VARIETIES

An assortment especially blended for us. 30c. each; doz. $2.75 (by Parcel Post, $2.85); $20.00 per 100.

NOTE. It often happens that the finest colored varieties do not produce the largest bulbs. The bulbs we furnish can be depended on for best results.

Caladium esculentum · Elephant's Ear

As centerpieces in flower-beds or for specimens on the lawn Caladiums are fine. Do not plant outdoors until after May 1, but to get them in early growth, they may be started indoors.

	Each	By P.P.	Doz.	By P.P.	100
Jumbo bulbs, 13 to 15-in. circ.	$0 50	$0 60	$5 50	$5 85	
Monster bulbs, 12-in. circ. up	30	40	3 50	3 75	$25 00
Mammoth bulbs, 9 to 11-in. circ. 3 for 40c.			1 35	1 55	9 50
First-size bulbs, 7 to 9-in. circ 3 for 25c.	10	20	90	1 05	6 00

Callas

Excellent as a pot-plant for the window-garden or for growing outdoors, preferring a shaded location. May be started inside any time prior to May 1, after which they can be safely planted out.

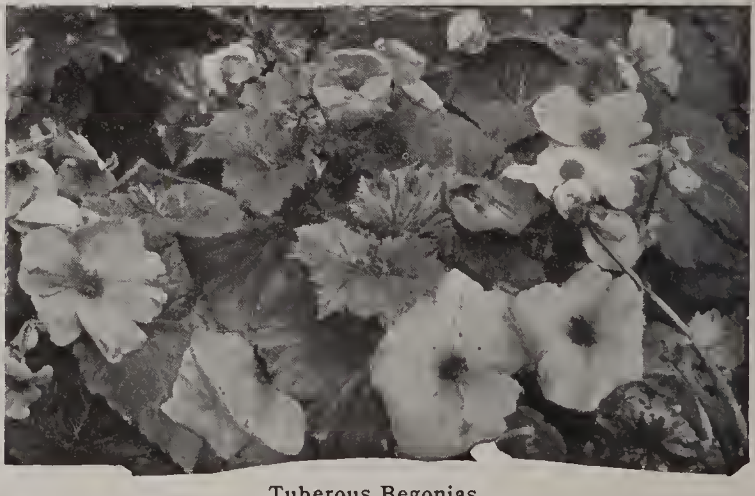
Elliottiana. Yellow flower as large as the common white Calla. Spotted leaf.

	Each	Doz.	100
Mammoth bulbs	$0 35	$3 50	$25 00
Monster bulbs	50	5 50	40 00
Jumbo bulbs	75	8 00	60 00
Spotted. Flowers white. Foliage green, spotted white	35	3 50	25 00

If wanted by Parcel Post, add 15c. per doz. for postage

Cinnamon Vine

Free-growing climber, with small white flowers deliciously scented. Makes a quick, dense shade. Monster roots, each, 10c.; $1.00 per doz. (by Parcel Post, $1.10); per 100, $7.50.



Tuberous Begonias

5
LILIES
HERE SHOWN

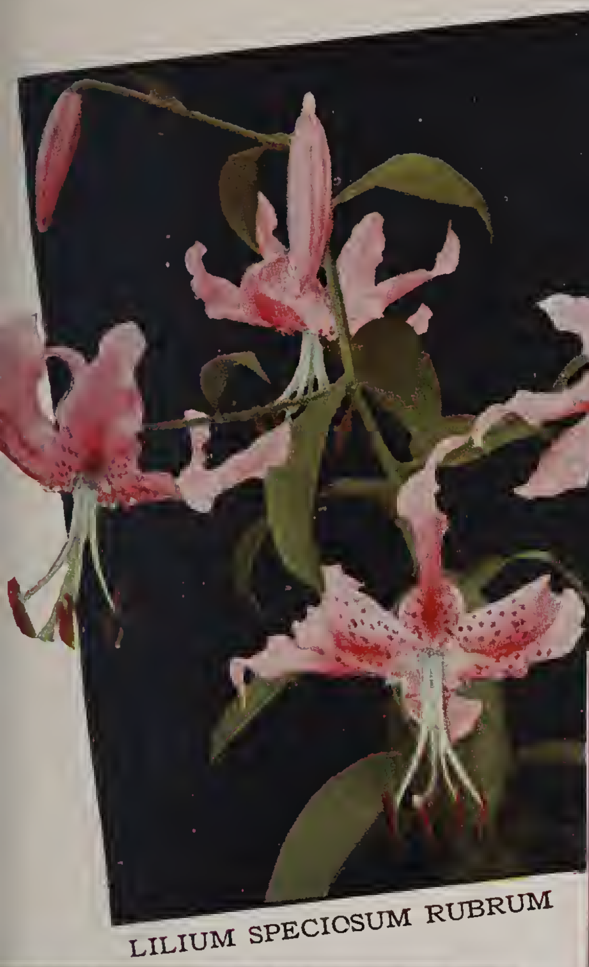
•

ONE OF EACH FOR

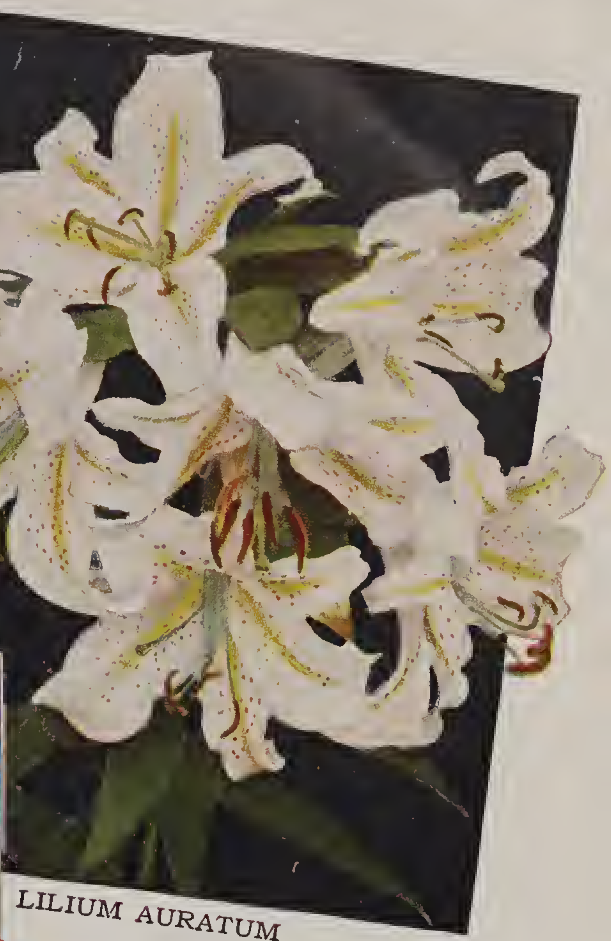
$1.50

THREE OF EACH FOR

$4.25



LILIUM SPECIOSUM RUBRUM



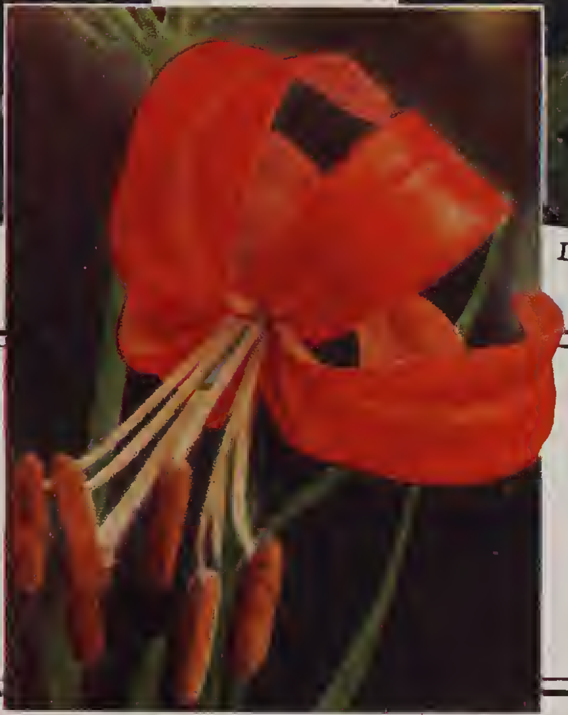
LILIUM AURATUM

Lilium speciosum rubrum

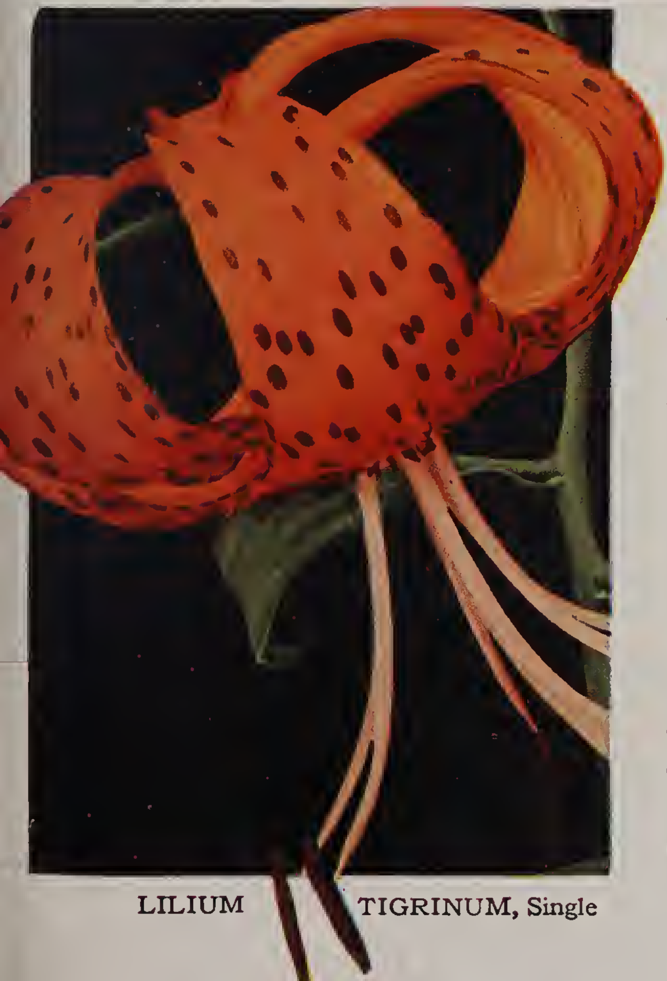
One of the noted Speciosum trio that have been garden favorites for years. Its flowers, which come in August and September, are a delicate pink—in fact, almost white—with conspicuous red spots; stems from 2½ to 3 feet high and carry from four to six blooms. Mammoth bulbs, 40c. each; doz. $4.00; $30.00 per 100.

Lilium auratum

Familiarly known as the Gold-banded Lily of Japan. You should see the beautiful blooms in August to know how lovely they are. A broad band of gold runs from the throat to the tip of the snowy white petal, with crimson spots scattered over the entire surface. Mammoth bulbs, 40c. each; doz. $4.00; $27.50 per 100.



LILIUM TENUIFOLIUM



LILIUM TIGRINUM, Single

Lilium tenuifolium

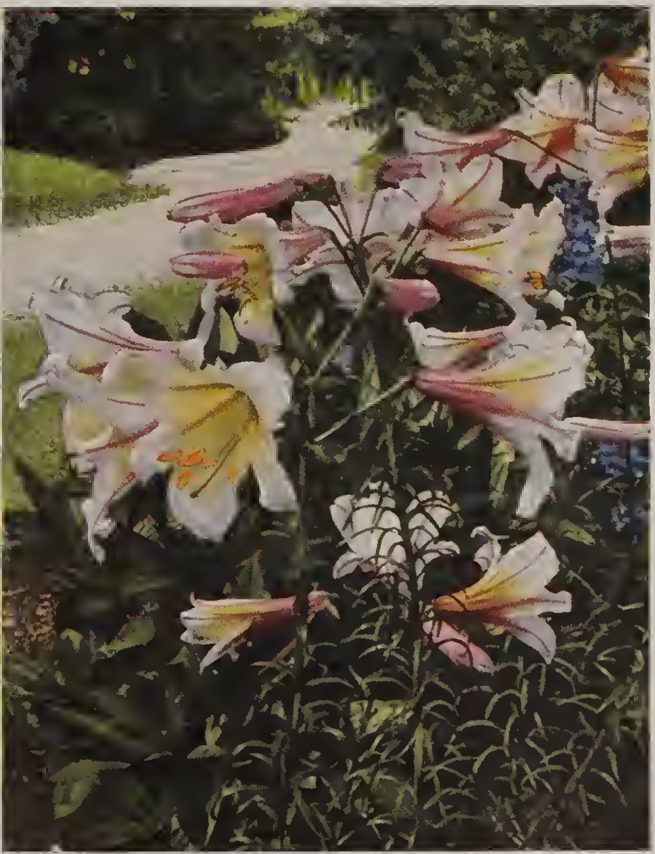
Coral Lily is a fitting name for this variety. The blooms are in clusters, like small bells, and the recurved petals are shining coral-red. Large bulbs, 25c. each; doz. $2.25; $15.00 per 100.

Lilium tigrinum, Single

Rich orange-colored blooms with dark brown spots. Grows readily and flowers freely. Large bulbs, 25c. each; doz. $2.75; $20.00 per 100.

Lilium regale

Planted in early spring, or in autumn, the bulbs should bloom freely in July. The color is well shown in the picture. Mammoth bulbs, 35c. each; doz. $3.50; $25.00 per 100.



LILIUM REGALE (Regal Lily)

THIS group of perennials should yield a succession of bloom from May to October. All are hardy and can be depended on to grow and bloom under ordinary garden conditions. You will find them useful in the hardy border.

ANEMONE, September Charm

ANEMONE
September Charm

In full bloom before the middle of September. The flowers are 2 inches or more across, and make a lovely mass of color. 30c. each; doz. $3.00; $20.00 per 100.

GAILLARDIA grandiflora
and GYPSOPHILA, Bristol Fairy

HARDY PHLOX, Columbia

Hardy Phlox, Columbia

Plant Patent No. 118

Splendid branching plants with an unusually long blooming season. 35c. each; doz. $3.00; $20.00 per 100.

ORIENTAL POPPY

Gaillardia grandiflora

Flowers borne in profusion and last well when cut. 25c. each; doz. $2.50

Gypsophila, Bristol Fairy

. Pure white, double flowers, borne from early August to frost. Blooming-size plants, 50c. each; doz. $5.00.

Anchusa myosotidiflora

From the Caucasus Mountains. Blooms resemble the forget-me-not. May. 30c. each; doz. $3.00; $20.00 per 100.

Oriental Poppy

Six showy varieties. See Perennial plant list. 30c. each; doz. $2.75; $18.00 per 100, except where noted.

ANCHUSA MYOSOTIDIFLORA

MICHELL'S SUMMER-FLOWERING BULBS, continued

Gloxinias

Gorgeous plants for either the conservatory or garden. They prefer a moist soil and a shady situation. Bulbs may be started as early as January, but should not be set outdoors until after May 15. We offer extra-fine, large bulbs.

If wanted by Parcel Post, add 25c. per 100 for postage

	Each	Doz.	100
Emperor Frederick. Red, striped white; monster flowers	$0 35	$3 50	$25 00
Emperor William. Purple, striped white	35	3 50	25 00
Purple	35	3 50	25 00
Rose	35	3 50	25 00
Tigered and Spotted	35	3 50	25 00
White	35	3 50	25 00
Choice Mixed Colors	35	3 50	25 00

Hyacinthus candicans (Summer-flowering Hyacinth)

An ornamental midsummer-flowering plant, producing from 20 to 100 large, bell-shaped flowers of a creamy white color, clustered on spikes about 2 to 3 feet long. Plant bulbs about 6 inches deep, in a sunny location and in well-drained, rich soil. The bulbs will produce a succession of spikes for two to three months, particularly if the spikes are cut off as the flowers fade. 15c. each; doz. $1.35; $9.00 per 100.

Ismene calathina

Pancratium Lily; Peruvian Daffodil

A choice flowering bulb, blooming profusely during the summer. Clusters of large, striking, fragrant, pearly white flowers. Bulbs should be kept warm and dry and planted out the middle of May; they will commence flowering in July. Before freezing weather sets in they should be lifted and kept in a warm, dry place. Large bulbs, 20c. each; doz. $2.00 (by Parcel Post, $2.15); $12.00 per 100.

Madeira or Mexican Vine

Also known as "Climbing Mignonette." A beautiful and popular vine, growing rapidly, and much prized for porches and arbors. Leaves heart-shaped and of a light green color. Racemes of feathery white, fragrant flowers produced in profusion. Should be protected with litter during the winter. Extra-large selected tubers, 10c. each; doz. $1.00 (by Parcel Post, $1.10); $7.50 per 100.

Oxalis (Summer-blooming)

Valuable for edging the borders of walks or flower-beds.

Mammoth Bulbs	Doz.	100	By Parcel Post
Deppei. Small white flowers	$0 20	$1 25	$1 40
Lasiandra. Rosy pink. Beautiful cut foliage	20	1 25	1 40
Shamrock. Clover-like foliage. Pink flowers.	20	1 25	1 40

Tigridia Pavonia · Mexican Shell Flower

Hybrids, Mixed. An excellent flowering bulb for the garden, known as the Tiger or Shell Flower. Colors vary from pure white to gold and vivid scarlet, all deeply blotched and speckled with crimson-maroon. Plant in May, 6 inches apart and 3 to 6 inches deep; they require treatment similar to gladiolus. 20c. each; doz. $1.75 (by Parcel Post, $1.90); $12.00 per 100. See color illustration on third cover page.

Gloxinia

Montbretia

Montbretias

Montbretias resemble miniature gladiolus, are fine for cutting, and excellent for border planting. They prefer a light, loamy soil, well enriched with leaf-mold, but no manure or chemical fertilizer should touch the roots. A little bonemeal and a light top-dressing of lime is beneficial. They will thrive either in partial shade or full sunlight, but see that the moisture supply is good at all times. See color illustration on third cover page.

If wanted by Parcel Post, add 15c. per 100 for postage

	Doz.	100
Aurea. A fine yellow variety	$1 50	$10 00
California. Deep yellow	2 25	15 00
Fire King. Fiery red	1 50	10 00
George Davison. Pure golden yellow	1 50	10 00
His Majesty. Rich yellow center, shading to brilliant scarlet	3 00	20 00
King Edmund. Rich golden yellow, with brown markings in throat	1 50	10 00
Queen Alexandra. Light golden orange, with crimson bars	2 50	18 00
Rosea. Bright salmon-rose	1 50	10 00
Star of the East. Immense flowers, averaging 5 inches across of pale orange-yellow, with lemon-yellow eye. One of the finest varieties we can recommend	4 00	30 00
Talisman. Splendid orange-red	2 00	12 50
Choice Mixed	1 00	7 50

Tuberoses

One of the most fragrant and popular of summer-flowering bulbs. For blooming in the open, plant about the middle of May.

	Doz.	By Parcel Post	100
Double Pearl. Pure white. First-size bulbs	$0 60	$0 70	$4 00
Double Pearl Mammoth. Extra-large selected bulbs . . . 3 for 30c.	1 15	1 25	8 00
Albino or **Mexican.** Single white blooms in July and August. A very free-flowering variety. The odor is less pronounced than in the double varieties	60	70	4 00

Zephyranthes · Fairy Lily

This is a small-flowering type of dwarf-growing amaryllis, flowering in profusion during the summer; also suitable for pot-culture.

	Doz.	100
Carinata. Very large, showy pink blooms	$0 90	$6 00
Treatiæ alba. Pure white	60	4 00
Treatiæ rosea. Clear rose	1 00	7 00

If wanted by Parcel Post, add 10c. per doz. for postage

Michell's Reliable Plants

Please read carefully before ordering Plants from this Catalogue

So far as possible, when there are other goods on your order, please write the portion applying to plants on a separate sheet.

Plant orders are filled and shipped at what we consider the proper season for planting, unless otherwise instructed by customers.

Shipments for southern states, or localities where cold weather is not a permanent thing, are made as soon as possible, unless otherwise instructed.

Shipments are best made by Express, except orders for small plants or few in number. These can be sent by Parcel Post, if sufficient remittance on cash orders accompanies same.

In some cases the Parcel Post charges may be slightly in our favor; in the others, they will be in favor of the buyer, although our customers should not overlook the fact that it requires expert packing for safe arrival of shipments by Parcel Post.

Please Note. Orders for less than the number of plants listed cannot be filled, unless they are offered at our counter and are taken along. Prices are especially established for these.

Shipping-Time

In average seasons, applying to orders booked for spring.

Hedge, Small Fruits, Trees, Flowering and Ornamental Shrubs. Sometimes late in March, generally during April and lasting until growth is too far advanced for transplanting with safety or assurance of stock surviving.

Herbaceous Perennials. April and continuing either until stock is exhausted or until season is too far advanced. Most perennials are pot-grown and can be planted safely at any season, as long as they are procurable.

Roses. May is the best month for these, unless April is warm and settled.

Bedding Plants. Geraniums, Cannas, Salvia, etc., are usually shipped beginning May 10.

Special Caution

Notice. On receiving plants, unpack them, plant and water thoroughly immediately. If they cannot be planted at once, at least unpack and water them. Newly planted stock, no matter how moist it may appear, should at planting-time and every day (in the evening) for a week thereafter, be watered thoroughly, unless we have rain each day during the period. Most losses, through Plants, Shrubs, Trees, Hedges, etc., dying, are caused by their not being watered sufficiently and regularly at planting-time.

Special Notice on Guarantee

We spare no effort to supply all Plants, Trees, etc., of the best quality in first-class living condition. On account of the many causes beyond our control, we regret we cannot guarantee this stock to live and establish itself, as that is entirely within the power of the buyer or planter.

If plants are wanted by Parcel Post, please add 10 per cent for points east of the Mississippi River, and 15 per cent for points west.

Michell's Choice Bedding Plants

Achyranthes

Brilliantissima. Very bright crimson foliage. Excellent for edging beds of various kinds and makes a fine show against a green or yellow background. Extra-strong plants, 25c. each; doz. $2.50; $15.00 per 100.

Ageratum • Floss Flower

This is one of the freest flowering annuals and can be adapted to many purposes. As an edging in a garden border few plants surpass it.

Henry F. Michell. The dwarfest growing and largest flowering variety in existence. Produces immense quantities of most beautiful clear blue flower-heads all summer.

Blue Perfection. Large heads of deep blue flowers produced in abundance. 1 ft.

All Ageratums, 25c. each; doz. $2.50; $20.00 per 100

Alyssum

Little Gem. Pure white flowers on dwarf, compact plants. Desirable for edging as it flowers all season. 6 in. 10c. each; doz. $1.00; $8.00 per 100.

Amaranthus

Molten Fire. Summer Poinsettia. Very ornamental and the most beautiful of all Amaranthus. Leaves dark bronze, center poinsettia-red. Selected plants, 25c. each; doz. $2.50; $15.00 per 100.

Antirrhinum • Snapdragon

Large-flowering Half-Dwarf. A very effective plant for massive bedding or border planting. If flowers are cut after blooming, it will continue to bloom until frost. In separate colors as follows: White, Pink, Yellow, and Scarlet. Extra-strong plants, 25c. each; doz. $2.50; $20.00 per 100.

Asters

Giant Branching. We grow a large stock in separate colors: Pink, Crimson, White, and Blue. Extra-strong plants, 15c. each; doz. $1.50; $10.00 per 100.

Begonias, Fibrous-rooted

Gracilis luminosa. A splendid variety with bronzy red foliage and brilliant scarlet flowers. Very free blooming.

Prima Donna. One of the best bedding Begonias, having lovely rose-colored flowers shading to carmine.

All Begonias, 4-in. pot-plants, 30c. each; doz. $3.00; $20.00 per 100

Bellis perennis • English Daisy

Pink or **White.** Plants in bud or bloom. $2.00 per box of 25 plants; per 100, $7.50.

Calendula • Pot Marigold

These somewhat resemble a double daisy and are fine for cutting, border planting, or as a background.

Chrysantha. All-America Winner. A new break in Calendulas which originated in Australia. The flowers bear a most striking resemblance to a chrysanthemum. Remarkable for its great length of stem and large, double, clear buttercup-yellow blooms. Ideal as a cut-flower for interior decorations.

Orange King. Very deep orange.

Orange Shaggy. All-America Winner. A distinct break in Calendulas. The petals are long and deeply fringed or laciniated, deep orange, shading to a slightly lighter two-tone effect. Plants grow about 1½ feet high and the stems are sufficiently long for cutting.

All Calendulas, 30c. each; doz. $3.00; $20.00 per 100

Centaurea

Cyanus. Cornflower. These are also known as Bachelor's Buttons and were always found in old-fashioned gardens. They are easily grown and are excellent for cutting. 15c. each; doz. $1.50; $12.00 per 100.

Gymnocarpa. White-leaved Centaurea; Dusty Miller. Grown for their silvery foliage as edging plants; also fine for bedding, vases, hanging-baskets, etc. They are very showy as a border for a bed of scarlet sage. 15c. each; doz. $1.50; $10.00 per 100.

Cobaea scandens

A beautiful blue, cup-shaped flowering annual climber that is very desirable for lattice covering, etc. Strong, 4-in. pot-plants, 40c. each; doz. $4.00.

Coleus

The popular bedding plant with beautifully colored foliage. Used extensively for edging canna and geranium beds.

Golden Bedder. Rich canary-yellow foliage.

Queen Victoria. Red foliage with yellow edge.

Verschaffelti. Dark crimson foliage.

All Coleus, 15c. each; doz. $1.25; $10.00 per 100

Cosmos

Michell's Giant-flowering Strain. Produces enormous, long-stemmed flowers late in the autumn. Pink, White, Red, each color separate.

Klondyke, Orange Flare. All-America Winner. Now we may grow a lovely, vivid orange-colored Cosmos and be assured of having the flowers before frost. Attractive light green foliage.

All Cosmos, 10c. each; doz. $1.00; $8.00 per 100

Geraniums

Beaute Poitevine. Salmon-pink; very double.

Breem's Charm. *New.* Bright scarlet. Very compact grower and very free flowering.

Helen Michell. Gigantic bright rich scarlet flowers.

Rose-scented. The old-fashioned sweet-scented variety.

Sensation. *New.* Enormous bright scarlet flowers during the entire season. Compact, medium-dwarf plants.

All Geraniums, extra-fine stock, 30c. each; doz. $3.00; $22.00 per 100

See pages 99 to 119 for Hardy Perennial Plants

MICHELL'S CHOICE BEDDING PLANTS, continued

Heliotrope • Cherry-Pie

A great favorite in old-fashioned gardens, principally on account of their delightful fragrance. We offer two varieties which are the finest to date:

Centefleur. A vigorous grower, producing large trusses of deep blue flowers with a conspicuous white eye.

Royal Fragrance. The latest introduction and truly a wonderful Heliotrope. A dwarf grower about 10 inches high, bearing immense trusses of fragrant, intensely deep violet-blue flowers. Grown in a solid bed, it makes a wonderful show, blooming continuously from early July until frost, perfuming the whole garden.

All Heliotropes, 30c. each; doz. $3.00; $22.00 per 100

Hydrangeas. See page 123.

Lantana

There are few summer-flowering plants that give more satisfaction than Lantanas. They bloom continuously throughout the summer and are coming into great favor on account of their bright, showy colors.

M. Schmidt. Rich orange, turning to crimson. Dwarf and bushy.

Radiation. A wonderful bedding plant with rich orange flowers turning to crimson as they mature. Very dwarf and covered with flowers throughout the summer.

All Lantanas, 35c. each; doz. $3.50; $25.00 per 100

Lemon Verbena

Pointed, green, lemon-scented foliage, fine for mixing among cut-flowers. 35c. each; doz. $3.50; $25.00 per 100.

Lobelia

Compacta. Blue-flowering plant, for edging and hanging-baskets. 15c. each; doz. $1.50; $12.00 per 100.

Marigold

These are favorites in all old-fashioned gardens and are in bloom from early summer until frost. Grown from selected seed.

AFRICAN VARIETIES

Golden Emblem. Very large, double, rich golden yellow flowers, often measuring 4 to 5 inches in diameter.

Guinea Gold. All-America Winner. A distinct type, all flowers being double or semi-double. Clear orange, flushed with gold; very loose petaled and lacks the odor of the regular African Marigold.

Lemon Queen. Large, soft lemon-yellow flowers.

Orange Prince. Very showy, large flowers of deep golden orange.

Yellow Supreme. All-America Winner. Broad, loose-frilled petals, similar to Guinea Gold, but in color a rich, creamy lemon-yellow. Plant is very symmetrical. An excellent cutting variety. 2 ft.

FRENCH VARIETIES

Double Monarch, Mixed. All-America Winner. The large flowers are exceedingly double and come in a wide range of colors, which includes combinations of orange, bronze, yellow, and mahogany. Excellent for bedding or border use.

Harmony. *1936 Novelty.* An excellent new French variety of scabious-flowered type. Very double, deep orange flowers with maroon collar. Free flowering. Excellent for borders. One of the best of the newer sorts.

Legion of Honor (Little Brownie). Single, golden yellow flowers with a large spot of velvety crimson. Early flowering. 9 in.

All Marigolds, 15c. each; doz. $1.50; $12.00 per 100

Moon Vine

Ipomœa noctiflora. A pure white variety blooming toward evening and in the forenoon. The flowers are frequently 6 inches in diameter. Extra-strong plants, 40c. each; doz. $4.00.

Pansy

Michell's Giant Exhibition, Mixed. Assorted colors, in bud and bloom. $2.00 per box of 25 plants; per 100, $7.50.

Passiflora • Passion Flower

Pfordti. An attractive climber for outdoor planting in summer, bearing a profusion of light blue flowers suffused with pink. 40c. each.

Petunias

This is probably the most universally used of the annual flowers. For bedding, baskets, window-boxes, or urns. They flower continuously.

Double Carmine Queen. A very dwarf, compact-growing variety with beautiful rosy carmine flowers.

Double Victorious, Mixed. Very dwarf and compact in habit of growth, with large, fully double flowers in many brilliant and fancy colorings.

Double White Queen. Dwarf and compact in habit of growth, with very double, beautifully fringed, pure white flowers.

Giant Single Strain, Mixed.

Martha Washington. A new break in Petunias—a ruffled or frilled, compact type, growing about 9 inches high, the plants being literally smothered with blooms about 3 inches in diameter. Flowers are blush-pink, with the centers veined wine-red, deepening at the bases of the throats. The veining is so unique that the flowers resemble a pelargonium, hence the name.

Periwinkle Blue. Welcome addition to the dwarf, erect, free-flowering type. The color of this novelty is a delightful shade of pastel blue, very much resembling the perennial vinca.

Rose Gem. *1936 Novelty.* All-America Winner. A charming addition to the new miniature group of Petunias which was started with Pink Gem. Rose Gem is the color which the public has been asking for in this miniature form. It is the rich deep rose that has made Petunia, Rose of Heaven so popular. The plant is neat and compact, 5 to 6 inches high, and smothered with rich rose-colored blooms about 2 inches in diameter.

Rosy Morn. Dwarf. Brilliant rose flowers with white throats. 15c. each; doz. $1.50; $10.00 per 100.

All Petunias, except where noted, 25c. each; doz. $2.50; $20.00 per 100

Phlox Drummondi

Excellent bedding or border plants.

Dwarf. Red, White, Pink, each separate. 15c. each; doz. $1.50; $10.00 per 100.

Gigantea Art Shades, Mixed. *1936 Novelty.* All-America Winner. A new strain of *Phlox Drummondi* with flowers 1¼ to 1½ inches in diameter. In addition to its enormous flowers (which in themselves would justify it as a novelty), it has a most wonderful range of color in soft art shades which range as follows: salmon with white eye, deep salmon with cream eye, apple-blossom-pink, soft rose with white eye, light blue with white eye, pale violet with white eye, light mauve with cream eye, rose with white eye and many other pleasing art shades. Plants about 9 inches high. Choice mixture only. 25c. each; doz. $2.50; $20.00 per 100.

Salpiglossis • Painted-Tongue

Easily grown annual plants which have become great favorites, not only because of their simple culture, but mainly for their beautifully tinted and veined flowers. Blooms from early summer until late fall. 1½ ft. 25c. each; doz. $2.50; $15.00 per 100.

Salvia • Scarlet Sage

No show of flowers can equal that produced by the Scarlet Sage. It makes a blaze of color when massed or planted in beds that can be recognized at a great distance.

America. Best of all the Scarlet Sages. The earliest and most continuous bloomer, as well as the most uniform in habit of growth. 3-in. pot-plants, 15c. each; doz. $1.50; $10.00 per 100. 4-in. pot-plants, 25c. each; doz. $2.50; $20.00 per 100.

Scabiosa • Mourning Bride

Magnificent, hardy annuals of easy cultivation, blooming freely through the summer and autumn. They are very decorative for beds or borders in the garden and are invaluable for cutting. 25c. each; doz. $2.50; $15.00 per 100.

Verbenas

Michell's Mammoth Fancy Strain, Mixed. Used for edging borders or for window-boxes and vases. Can be supplied in separate colors: Pink, Purple, Scarlet, White, and Striped. 15c. each; doz. $1.50; $10.00 per 100.

Venosa. Hardy Garden Verbena. Becoming very popular as a bedding plant. A strong, thrifty grower about 1 foot high, freely producing bright heliotrope-colored flowers from early summer until frost. 30c. each; doz. $3.00; $20.00 per 100.

Vinca

Rosea. This is the flowering type used for bedding or vases. A bed or border planted with these is a beautiful sight. They are well adapted for either full sun or partial shade. We offer the following colors: Pink, White, White with Pink Eye, each color separate. 25c. each; doz. $2.50; $15.00 per 100.

Major variegata. A trailing plant used for hanging-baskets and window-boxes. Green foliage, mottled white. Extra-strong pot-plants, 35c. each; doz. $3.50; $25.00 per 100.

Zinnias

Fantasy or **Chrysanthemum-flowered, Mixed.** *New.* All-America Winner. The rounded flowers are composed of a mass of shaggy, ray-like petals which give a delicate and refined appearance to the medium-sized, double flowers. The color-range includes the brightest of red and orange, as well as the popular pastel pinks and cream.

Michell's Giant Dahlia-flowered, Mixed. Distinct from the ordinary Giant-flowering class. Extra large and of a true Dahlia-flowered type. Plants grow from 2½ to 3 feet high. We offer separate colors: Orange-Yellow, Old-Rose, Orange and Gold, Scarlet, and Mixed.

Elegans, Lilliput. Of compact habit, not over 15 inches high. Beautiful, miniature, perfectly double flowers, excellent for bedding and cutting. Comes in separate colors: Yellow, Orange, Salmon-Rose, Scarlet, and Mixed.

All Zinnias, 15c. each; doz. $1.50; $12.00 per 100

Michell's Decorative House-Plants

Asparagus

Plumosus nanus. Asparagus Fern. Highly desirable for fern-dishes, bouquet greens, garlands, etc.

Sprengeri. Emerald Feather. Excellent for hanging-baskets, brackets, and cutting. One of the best plants for the window-box.

All Asparagus, 3-in. pot-plants, 25c. each; doz. $2.50; $15.00 per 100. 4-in. pot-plants, 50c. each; doz. $5.00.

Crassula

Arborescens. Heavy stems with thick, fleshy leaves about 3 inches long. A very popular house-plant. Strong, 3-in. pot-plants, 50c. each; 4-in. pot-plants, $1.00 each; 5-in. pot-plants, $1.50 each.

Dracaena

Godseffiana. Entirely different from all other Dracænas. Of free-branching habit, making graceful plants. Dark green, leathery foliage, dotted with spots of creamy white. 3-in. pot-plants, 50c. each.

Indivisa. Attractive when used as a center-piece for a round bed, urn or vase, and in cemetery work. Strong, 4-in. pot-plants, 50c. each; 5-in. pot-plants, $1.00 each; 6-in. pot-plants, $1.50 each.

Massangeana. An excellent house-plant with broad, dark green foliage and a wide golden yellow band through the center of each leaf. Strong, 4-in. pot-plants, 75c. each; 6-in. pot-plants, $2.00 each.

Ficus • Rubber-Plant

Elastica Craigi. A much-improved form of the well-known Rubber-Plant; a stockier, more shapely plant. 6-in. pot-plants, $1.50 each.

Ferns

The varieties we offer here are the best of their class and all are good house-plants.

Nephrolepis, Dwarf Boston. A dwarf form of the original Boston Fern. Makes a more shapely plant.

Nephrolepis, Scotti. An old favorite. Dwarf and bushy.

Nephrolepis, Teddy, Jr. A dwarf form of the Roosevelt Fern. Very bushy.

Nephrolepis, Verona. The best of the Crested or Lace Ferns.

All Ferns, 4-in. pot-plants, 75c. each; 6-in. pot-plants, $1.50 each

Gardenia • Cape Jasmine

Veitchi. Beautiful evergreen greenhouse shrubs, with delightfully fragrant, pure white, waxy flowers from April to June. Strong pot-plants, $1.50 each.

Genista • Fragrant Broom

Fragrans. A very desirable spring-flowering plant with fragrant, bright golden yellow flowers produced in the greatest profusion. A fine window-plant and desirable for Easter decoration. Strong, flowering-size pot-plants, 75c. each.

Ophiopogon • Lily-Turf

Jaburan variegata. A pretty, variegated foliage plant, useful either as a pot-plant for the window or for planting out in summer. The narrow, dark green foliage is prettily striped with gold and during July and August spikes of blue flowers add to its beauty. Strong plants, 50c. each.

Pandanus

Veitchi. Highly colored plants. We highly recommend this plant where a good many varieties of other decorative plants will not do. They will thrive even in dark places such as reception halls, living-rooms, etc. 4-in. pot-plants, 75c. each; 6-in. pot-plants, $2.00 each; 8-in. pot-plants, extra heavy, $4.00 each.

Peperomia

Sandersi. Watermelon Begonia. Elongated, convex, dark green leaves, striped silver, somewhat like a watermelon. A very good house-plant. 50c. each.

Pothos • Ceylon Creeper

Aureus Wilcoxi. A real improvement over the old, widely known Aureus, and really an outstanding plant. The foliage of this new variety is more distinctly variegated, the light yellow variegation extending to the stems, which are an ivory color with an occasional tint of pink. Strong, 3-in. pot-plants, 50c. each.

Sansevieria

Zeylanica Laurenti. This variety, in addition to the variegation shown in the ordinary sort, has a band of yellow on each edge of the leaves, which adds greatly to its decorative effect. 4-in. pot-plants, 75c. each; 6-in. pot-plants, $2.00 each.

Vitis • Grape Ivy

Rhombifolia. A graceful, trailing vine with dark, glossy green, trifoliate leaves. Excellent house-plant. Strong, 4-in. pot-plants, 75c. each.

Michell's Hardy Water-Lilies

A select list of the most suitable varieties for all hardy water-garden purposes. Ready April 15 to June 1.

Aurora. Rosy yellow, changing to deep red on the third day; stamens orange. $1.00 each.

Comanche. The flowers are a combination of orange and amber-red. $2.00 each.

Escarboucle. Brilliant crimson-carmine flowers with orange centers and measuring 4 to 6 inches across. Free flowering. $2.50 each.

Gladstone. Massive, cup-shaped flowers of a pure dazzling white. $1.25 each.

Helen Fowler. Deep pink, fragrant flowers on stout stems. Strong, vigorous growth. $1.00 each.

Marliacea albida. Large, fragrant flowers of sparkling whiteness; stamens light yellow. $1.00 each.

Marliacea carnea. Delicate soft flesh-pink, deepening toward base of petals. $1.25 each.

Marliacea chromatella. Petals and stamens bright yellow. Blooms 4 to 6 inches across. $1.50 each.

Odorata. The native white Pond-Lily. Desirable for planting in quantity in natural ponds. 50c. each.

Odorata minor. The native miniature white Water-Lily. Very dainty and suitable for tubs and small pools. 50c. each.

Odorata rosea. Cape Cod Pink Pond-Lily. Clear pink, fragrant flowers, 5 to 6 inches across. $1.00 each.

Hardy Nelumbium or Lotus

These can be supplied only as dormant tubers from May 1 to June 1.

Lutea. American Lotus; Water Chinquepin. Yellow flowers, measuring up to 10 inches across. $2.00 each.

Hardy Nelumbium, continued

Speciosum. Egyptian Lotus. The best-known and easiest variety to grow. Desirable for naturalizing in ponds to produce a subtropical effect. Flowers deep rose color, creamy white at base. $2.00 each.

Aquatic Plants

For the Aquarium

ANACHARIS (Elodea) canadensis gigantea. Giant Water Weed. A beautiful submerged plant with dark green, ovate leaves and light stems. 30c. each; doz. $3.00.

SAGITTARIA natans. Arrowhead. Long, strap-like, green leaves resembling the well-known Vallisneria. 30c. each; doz. $3.00.

S. sinensis. Giant Sagittaria. Leaves dark green, broader than *S. natans.* 30c. each; doz. $3.00.

Miscellaneous Aquatics

CYPERUS alternifolius. Umbrella Plant. Will grow 4 feet high. 35c. each; doz. $3.50.

EICHHORNIA azurea. Lavender flowers. Plant in soil in water 4 to 8 inches deep. 50c. each; doz. $5.00.

E. crassipes major. Water Hyacinth. Lilac-rose flowers. 30c. each; doz. $3.00.

LIMNOCHARIS Humboldti. Water Poppy. Floating yellow flowers all summer. Not hardy. 35c. each; doz. $3.50.

MYRIOPHYLLUM proserpinacoides. Parrot's Feather. Rises about 6 inches out of the water. 35c. each; $3.50 per doz.

TYPHA latifolia. Cat-tail. Hardy. 8 ft. 35c. each; doz. $3.50.

A Hardy Water-Lily Planting

Michell's Hardy Garden Roses

The Roses we are offering are all strong, 2-year field-grown plants that were dug last fall and potted into 6-inch pots, then stored in coldframes without any artificial heat. During the latter part of March these potted plants are moved to beds in the open air where they receive no further protection. Under this treatment they develop in a natural way and are not only superior to stock which has been developed into full growth under glass, but also better for spring planting than plants which have been carried in cellars, in cold storage, or kept dormant in any other way until planting-time in late April or May. Roses thrive best in an airy position where they can have light shade during part of the day, but not near enough to trees and shrubs whose roots would rob them of food and moisture. Excellent results are being obtained with Roses grown under lath or cheesecloth screens; the plants make better growth and the colors of the blooms are more brilliant and do not fade so quickly. Roses are gross feeders and consequently require a rich soil. Select a well-drained position where the soil is good and dig in a liberal amount of well-decomposed manure, thoroughly mixing it with the soil. For best results, the beds should not be too wide, planting the Hybrid Teas 15 to 18 inches apart and the stronger-growing Hybrid Perpetuals 2 feet apart, planting all about 8 to 10 inches from the edge of the beds. The pot-grown plants we send out have already been pruned and arrive with a ball of earth around the roots; this ball should not be disturbed but should be thoroughly wet when planted. Budded Roses should be planted so that the bud is not over 2 inches below the surface of the ground; firm the soil well around the roots and give a thorough watering. Throughout the summer, the surface of the bed should be frequently cultivated, or a good mulch of our granulated Peat Moss will be found very beneficial, as it not only keeps the ground cool and moist but it prevents the growth of weeds.

SELECT LIST OF PATENTED ROSES

Alezane

Plant Patent No. 116

Large, reddish brown, urn-shaped bud opening to sorrel, unfurling to rich apricot and reverse of petals veined yellow, not affected by hot or wet weather. Growth very vigorous, upright, branching. Dark green foliage. One of the first to bloom. An extremely interesting and striking novelty which has attracted much attention wherever shown. $1.50 each; doz. $15.00.

Amelia Earhart

Plant Patent No. 63

Large, ovoid, cream buds with blushes; open flowers very full, intensely fragrant, graduating from a deep yellow center to an outer collarette of large cream petals with a blush overtone. Good, strong grower with dark green leathery foliage. Free flowering. A worthwhile addition. $1.25 each; doz. $12.50.

Better Times

Plant Patent No. 23

Interesting long crimson buds, opening into brilliant cerise-red flowers which are large, very double, delicately fragrant, and produced on long, strong stems, making them excellent for cutting. Foliage is leathery and dark green. Plants of medium height; bloom freely all season. $1.25 each; doz. $12.50.

Carillon

Plant Patent No. 136

A bedding Rose of great activity, giving at all times a note of cheer in the garden. The long-pointed buds are orange-scarlet, contrasting pleasingly with the green sepals; when half-open the flower is a deep coral, overcast with orange, and when fully open is very large, the inner petals being irregularly but artistically arranged. The bush is branching, so that when planted in mass the whole bed is blanketed with glossy foliage upon which rest the numerous flowers. $1.25 each; doz. $12.50.

Carrie Jacobs Bond

Plant Patent No. 158

A magnificent new Rose named in honor of the author of "The End of a Perfect Day." It is of aristocratic growth, with large, double flowers of ideal form, carried singly on long, upright stems. The color is an enchanting rich deep rose, with a luminous coral sheen. Moderately fragrant and good at all seasons. $1.25 each; doz. $12.50.

Countess Vandal

Plant Patent No. 38

The outstanding Rose at the Century of Progress in 1934. Vigorous and free flowering, with long-pointed buds of good size, opening into double, long-lasting, fragrant flowers of a lovely coppery pink and gold. One of the finest. $1.00 each; doz. $10.00.

Crimson Glory

Plant Patent No. 105

This beautiful, vigorous, and free-flowering Rose gives us every promise of becoming one of our very best and most popular garden varieties. The plants branch freely, producing a well-spread, yet compact bush of good symmetry. Following the large urn-shaped buds are the well-formed flowers of an intense deep, vivid crimson, shaded ox-blood-red and mellowed by a soft velvety nap; rich old Rose fragrance. $1.25 each; doz. $12.50.

Eclipse

Plant Patent No. 172

The international sensation of the year, awarded prizes in Rome, Paris, and other test-gardens. The long, stream-lined bud, enhanced by ornamental sepals, is of rich gold without shading. Petals are large and tough but not numerous, averaging 20 to 25, with more in the autumn. $1.50 each; doz. $15.00. See color illustration on Fourth Cover.

Gloaming

Plant Patent No. 137

This Rose is of an unusual color—fawn-orange in the bud, opening into large, full flowers of a peculiar pink, overlaid with salmon. The plant is vigorous and branching, fairly tall-growing, and the buds are carried on long, straight stems, amply clothed with handsome foliage. $1.50 each; doz. $15.00. See color illustration on Fourth Cover.

Glowing Sunset

Plant Patent No. 104

Long-pointed buds open to full double flowers of a most artistic form, with the inner petals lengthened and twisted in the bizarre manner of a choice cactus dahlia. The color is an indescribable combination of orange-yellow and rose-pink, presenting a unique and extremely pleasing color effect. When cut the flowers keep in perfect condition for several days. They have an alluring fragrance that will endear them to everyone. In addition to the valuable characteristics mentioned, it is a free and continuous bloomer. $1.25 each; doz. $12.50.

Little Beauty

Plant Patent No. 149

Excellent for garden display because it combines mass color effect with quantity of blooms borne throughout the season. The formally arranged blooms are a brilliant cerise of wonderful purity. As the flowers pass their prime they assume a pleasing soft deep pink of a warmth that is distinctively attractive. An enchanting variety. $1.00 each; doz. $10.00.

Mary Hart

Plant Patent No. 8

A striking red sport of Talisman. The maroon-red bud opens to a well-formed flower of deep velvety blood-red, with an amber sheen. Mary Hart does not wilt or dry out when cut, but opens perfectly. $1.00 each; doz. $10.00. See illustration on page 94.

Matador

Plant Patent No. 170

Large, full, well-formed Rose of glowing scarlet-crimson with darker silky sheen on the reverse; very fragrant. A strong, vigorous grower with good, healthy foliage. Wherever this Rose has been shown it has been very much admired. $1.50 each; doz. $15.00.

Better Times

SELECT LIST OF PATENTED ROSES, continued

Mary Hart

Radiant Beauty *Plant Patent No. 97*

This Rose is well named, for the flowers open perfectly in all weathers. The color is a peculiar red, and the petals are neither velvety nor satiny, but of an unusual eggshell finish. Hardy. A vigorous grower and a truly fine new Rose. $1.50 each; doz. $15.00. See color illustration on Fourth Cover.

Signora *Plant Patent No. 201*

This Rose from the land of sunshine and Chianti wine, is a real masterpiece in both plant and flower. Long bud of a warm burnt sienna, opening to a lighter hue toward mandarine. The plant is tall-growing with every bloom on a long stem. Handsome foliage. Excellent for cutting. $2.00 each; doz. $20.00. See color illustration on Fourth Cover.

Souvenir *Plant Patent No. 25*

The Golden Talisman, one of the loveliest of Roses. The flowers are deep, rich golden yellow and fragrant, produced freely and excellent for cutting. A superb garden variety with all of the desirable qualities of the popular Talisman. $1.00 each; doz. $10.00.

Texas Centennial *Plant Patent No. 162*

A sport of President Herbert Hoover, having the same wonderful plant qualities. The color is blood-red, shading to cerise-red in the center. Very unusual and very fine. $1.00 each.

Token *Plant Patent No. 95*

Large Ophelia-shaped buds opening to double flowers of a single-toned, sun-ripened apricot—a unique color. The very lasting flowers are pleasing at all stages. Very free flowering; upright in growth with glossy, disease-resistant foliage. $1.25 each; doz. $12.50.

White Briarcliff (Mme. Louis Lens) *Plant Patent No. 108*

A lovely Rose of perfect form and glistening pure white color. The plant is of branching habit, vigorous in growth; a free and continuous bloomer. Ideal for cutting. $1.50 each; doz. $15.00. See color illustration on Fourth Cover.

New Miniature Rose, Tom Thumb *Plant Patent No. 169*

A seedling of *Rosa Rouletti* with slightly fragrant blooms of equally small size. It resembles Rouletti except that the color is a dark crimson shading to white at the bases of the petals. $1.00 each; doz. $10.00.

Hardy Perpetual Rose, Symphony

(Pink Frau Karl Druschki) *Plant Patent No. 79*

An everblooming Hybrid Perpetual bearing handsome, massive, perfect flowers, often 6 inches in diameter, on stout sturdy stems. The buds are blush-pink, opening to pale rose, deep pink in the center of the flower, shading white to the edges. The open flowers are full and symmetrical in shape. A truly magnificent Rose. $1.25 each; doz. $12.50.

FIVE NEW HARDY CLIMBING ROSES

Blaze *Plant Patent No. 10*

A marvelous new hardy climbing Rose which inherits the blazing color of Paul's Scarlet Climber and the everblooming habit of Gruss an Teplitz, thus combining the most attractive features of both of its parents. It is a very vigorous climbing variety which will grow to considerable height and produce flowers on both the old and new growth. A Rose that is sure to become very popular. Strong, 2-yr. plants, $1.00 each; doz. $10.00.

Easlea's Golden Rambler *Plant Patent No. 114*

A new outstanding climbing Rose from England, producing its comparatively large, double, rich golden flowers in large trusses. An additional quality is a delicious fragrance. Gold Medal, R. H. S., July, 1932; Cory Cup as the best new seedling climber or rambler Rose of British origin introduced in 1932. $1.00 each; doz. $10.00.

Princess van Orange *Plant Patent No. 106*

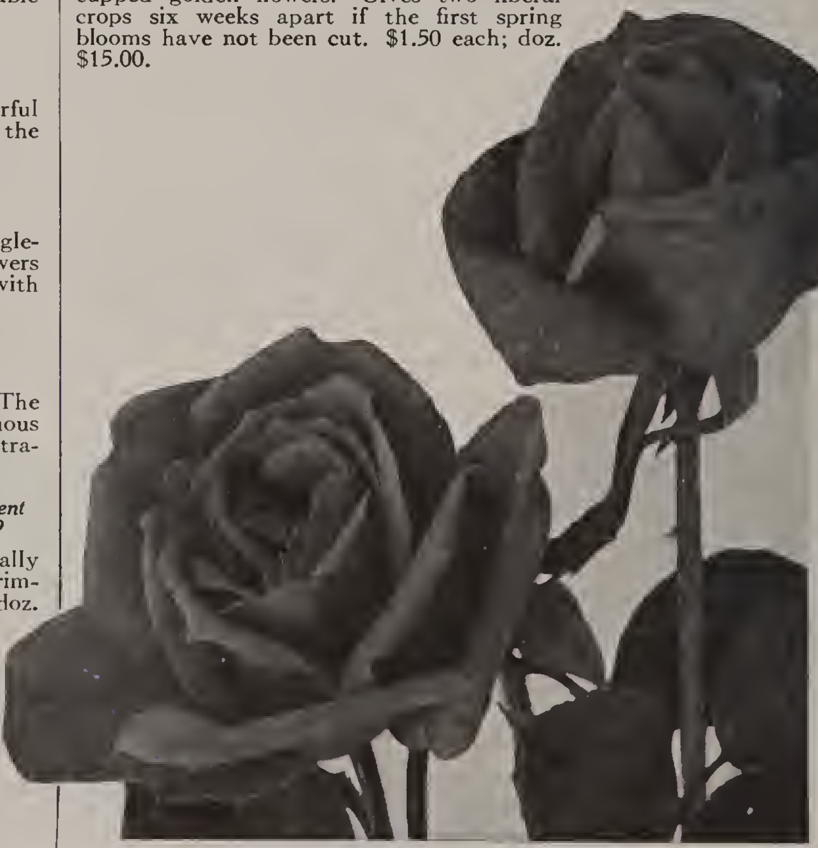
Sensational climbing sport of Gloria Mundi. A strong grower with rich green foliage. The branches are literally covered with masses of blazing Gloria-Mundi-red flowers, in Polyantha-like trusses. The most-talked-of European climbing novelty in many years. $1.00 each; doz. $10.00.

New Dawn *Plant Patent No. 1*

This new Rose is a sport from Dr. W. Van Fleet which is universally acknowledged to be one of the best climbing Roses. It is identical in every way with its parent in size and formation of its long-pointed flesh-pink buds and double flowers, but blooms continuously throughout the summer and autumn months. Strong, 2-yr. plants, $1.50 each; doz. $15.00.

Doubloons *Plant Patent No. 152*

This is the first of an entirely new strain of hardy climbing Roses which will stand the most severe winter. It is a vigorous climber with heavy wood and handsome glossy foliage. When in bloom the whole plant is literally covered with clusters of large golden flowers. Buds ovoid, deep saffron-yellow opening into large, fragrant, double, cupped golden flowers. Gives two liberal crops six weeks apart if the first spring blooms have not been cut. $1.50 each; doz. $15.00.



Texas Centennial

Here are the best of the Hybrid Tea Roses

Michell's Select Hybrid Tea Roses

Autumn

Condesa de Sastago

Edel

Autumn. Novel and distinct in coloring—burnt-orange, streaked with red. Close, compact growth. 85c. each.

Briarcliff. Fine buds, opening into high centered flowers of a beautiful bright clear rose-pink, sweetly scented. Vigorous and free flowering. A perfect cut-flower. 85c. each.

Caledonia. A most desirable pure white Rose with long-pointed bud opening to a large, double, high-centered, long-lasting, moderately fragrant flower. Continuous, free bloomer. 85c. each.

Charles P. Kilham. Large, beautifully shaped blooms of brilliant orange-red, suffused with scarlet; slightly fragrant. Healthy foliage and a vigorous grower. 85c. each.

Columbia. The blooms are of a pleasing shade of rose-pink, large, fragrant, and perfect in form. 85c. each.

Condesa de Sastago. Full, double flowers, reddish copper on the inside of the petals and deep yellow on the outside, a combination which attracts immediate attention. Alluring spicy fragrance. $1.00 each.

Dainty Bess

Dainty Bess. An appropriate name for a daintily colored single Rose of artistic form. Blooms are a delicate shade of shell-pink, with a conspicuous bunch of wine-colored stamens. A greatly admired, long-lasting, single flower. 85c. each.

Dame Edith Helen. Shapely buds and substantial, high-centered blooms of clear pink, sweetly scented. One of the finest exhibition Roses. 85c. each.

Duchess of Atholl. The coloring of this new variety is uncommon and delightful—golden orange, flushed with peach-pink. A vigorous grower and free bloomer. 85c. each.

Edel. A British introduction of exhibition quality, producing large, beautifully formed, fragrant flowers of ivory-white, passing to pure white. Strong grower of uniform habit; very free flowering. 85c. each.

Edith Nellie Perkins. Rose of outstanding merit, of fine form and exquisite coloring, vigorous in growth and free flowering. Long-pointed bud; flower of good size, long-lasting and fragrant, double; outside of petals Oriental red, shaded cerise-orange, inside salmon-pink. 85c. each.

Editor McFarland. The perfectly formed flowers are clear, unfading, deep pink and as a cut-flower it retains its form and lasts longer than any other Rose we know. The growth is vigorous, the foliage healthy, and it is in flower from early summer until frost. 85c. each.

E. G. Hill. The high-centered, full, double flowers are bright scarlet, shading to a deeper red as they develop. A vigorous grower and free flowering. 85c. each.

Essence. Very similar in color to Etoile de Hollande but with more double flowers. Good strong grower and very fragrant. 85c. each.

Etoile de Hollande. Brilliant red flowers of large size, perfect in half-open state, showing clean, attractive centers when fully open; petals enormous; very fragrant. A strong, vigorous and healthy grower; very free flowering. 85c. each.

Feu Joseph Looymans. Remarkable for its long-pointed buds of brilliant Indian-yellow and large, double, cupped, very fragrant flowers. Vigorous and continuous bloomer. 85c. each.

All varieties listed at 85c. each will be supplied at $9.00 per doz.

MICHELL'S HARDY GARDEN ROSES, continued

Grenoble

HYBRID TEA ROSES, continued

Gen. MacArthur. A well-known Rose, being one of the earliest and most perpetual-flowering sorts. The blooms are large, full, most delightfully fragrant, rich crimson-scarlet. Growth is vigorous. 85c. each.

Golden Dawn. The ideal yellow garden Rose. Its ovoid, lemon-yellow bud is heavily splashed with crimson before opening and develops into a well-formed, sweetly scented, large, double sunflower-yellow bloom. Low, bushy plant with attractive foliage. 85c. each.

Golden Ophelia. Golden yellow in center, shading to pale yellow on the outer petals. A seedling of the well-known Ophelia, possessing its many good qualities. 85c. each.

Grenoble. Plant is very vigorous and the flowers are produced on very long stems, making it one of the best garden Roses for cutting. The buds are crimson but the open flower is brilliant red, fully double, and of large size. 85c. each.

Hadley. One of the very best garden Roses. Deep rich velvety crimson blooms, one of the most fragrant in our collection. Free bloomer with long, stiff stems. 85c. each.

Hoosier Beauty. Glowing crimson-scarlet, with darker shadings; buds of good length and fine shape, opening into a magnificent and delightfully fragrant bloom. 85c. each.

Imperial Potentate. Large, ovoid bud; shapely flower, large, high-centered, long-lasting, sweet-scented, deep lively rose-pink. Vigorous grower and free flowering. 85c. each.

Joanna Hill. A new yellow Rose with large, long-pointed buds which open to large, full, semi-double flowers of a clear yellow, with orange-yellow center. 85c. each.

Kaiserin Auguste Viktoria. An old variety but still one of the best. In color it is a soft pearly white, tinted with lemon. This most perfectly formed white Rose has rich fragrance. 85c. each.

Killarney, Double White. A beautiful sport of Killarney, with lovely pure white flowers of moderate fragrance. 85c. each.

Lady Alice Stanley. A Rose that is admired by everyone, not only for its freedom of bloom and fragrance, but also for its color, which is a beautiful shade of coral-rose on the outside of the petals with purple-flesh on the inside. 85c. each.

Lady Forteviot. Large, lasting, extremely fragrant, golden yellow flowers, flushed with cardinal-red, borne several together on long stems. Free and continuous bloomer. 85c. each.

Los Angeles. One of the finest and loveliest ever introduced. The blooms are luminous flame-pink, toned with coral and shaded with translucent gold at the base of the petals. Buds are long, pointed, and extend into a flower of mammoth proportions. Growth is vigorous to a degree. 85c. each.

Lucie Marie. Very long-pointed buds of deep yellow, splashed rosy red; as the outer petals unfold, the inner face is yellow with coppery venation, with the petals lightly tipped with pink; slightly fragrant. A strong, vigorous grower. 85c. each.

Margaret McGredy. Bud very large and long-pointed; flower large, shapely, long-lasting, very double, fragrant, and brilliantly colored—a rich shade of Oriental-red, passing as it ages to carmine-rose. Vigorous and free flowering. 85c. each.

McGredy's Scarlet. One of the newer red Roses of marked superiority on account of its strong, vigorous growth, free and continuous habit of flowering, and its brilliant color, dazzling scarlet. The fragrant, full, double flowers are of good size. A beautiful Rose. 85c. each.

McGredy's Yellow. Large, bright buttercup-yellow flowers, every one, large or small, of perfect form and sweetly scented. Rain does not damage the blooms in the slightest, which is a great asset. Unlike most yellows, it is a strong grower, upright, disease-free, and all that could be desired. The beautiful foliage is large, glossy, dark bronzy green on dark red stems. Considered by many the best yellow Rose to date. $1.50 each; doz. $15.00.

Mevrouw G. A. van Rossem. A beautiful Rose with a unique color combination—a blending of dark orange and apricot on a yellow ground, with touches of bronze on the reverse of the petals. Sweet-scented, large, and of perfect form. 85c. each.

Miss Rowena Thom. Large, long-pointed buds, developing into perfect flowers of a lovely color—a blending of fiery rose, rosy mauve, and old-gold. A vigorous, upright grower and a profuse bloomer. 85c each.

Mme. Butterfly. While this is a sport of Ophelia, it shows an ever better growth, with more and larger flowers, in a brilliant pink, suffused apricot and gold. Flowers are the ideal Rose form, of good texture and fragrance. 85c. each.

Mme. Edouard Herriot. This is the celebrated *Daily "Mail"* Rose which has been so extensively advertised. The blooms are coral-red, shaded yellow and bright rosy scarlet, with yellow at the base—a combination of pleasing colors. 85c. each.

Mme. Jules Bouche. Beautiful white flowers, sometimes shading to light blush in the center. One of the best white bedding Roses to date. 85c. each.

Mrs. Aaron Ward. A very free-blooming variety of low, compact growth. The flowers are full, double, and are as attractive when in full bloom as in the bud state. The color is a distinct Indian yellow which under certain conditions becomes yellow tinted white. 85c. each.

Mrs. A. R. Barraclough. Very large, pointed buds of a pleasing carmine-pink, shaded with clear light yellow at the base of the petals, opening into a full double flower; very fragrant. A noted exhibition variety. 85c. each.

Mrs. Erskine Pembroke Thom. Long, shapely buds of large size, developing into full, double flowers of deep lemon-yellow color and sweetly scented. A clean, vigorous grower with disease-resistant foliage; very free flowering. One of the best yellows. 85c. each.

Mrs. Henry Morse. One of the best light pinks, combining two contrasting tones of pink with an underlying yellow glow. Long-pointed buds; flowers very large, double, high-centered, fragrant. Very free flowering. 85c. each.

Mrs. John Bell. A vivid brilliant shade of cochineal-carmine with large, long-pointed bud and full, double, cupped, moderately fragrant flower. Vigorous, free-flowering habit. 85c. each.

Mrs. Pierre S. du Pont. Medium-sized, long-pointed buds of reddish gold, opening to semi-double, cupped, very lasting, fragrant flowers of a deep golden yellow. A strong, vigorous, compact grower. The most profuse and continuous-blooming yellow Rose. 85c. each.

Mrs. Sam McGredy. Scarlet coppery orange, heavily flushed with Lincoln-red on the outside of the petals, and these colors together give a rich and dazzling effect. The large flowers are of beautiful form and possess the proper fullness to make them useful for all purposes. They are freely produced and delicately perfumed. Beautiful, bronzy foliage. 85c. each.

Mrs. Wakefield Christie-Miller. Large, globular, peony-like blooms of pearly blush, shaded salmon-pink, the outside of the petals being vermilion and rose, which lovely combination is not affected by the hottest sun. 85c. each.

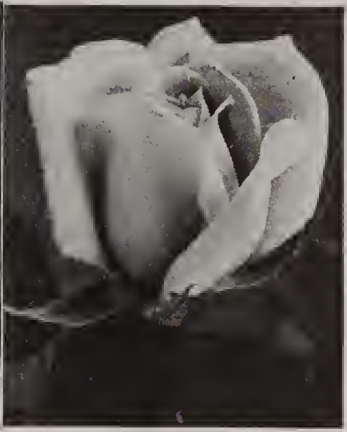
Mrs. Henry Morse

All varieties listed at 85c. each will be supplied at $9.00 per doz.

MICHELL'S HARDY GARDEN ROSES, continued

Schwabenland

Red Radiance


Ville de Paris

HYBRID TEA ROSES, continued

Otto Krauss. A tall, upright-growing variety, robust and vigorous, with large orange flowers overlaid with copper, shading to a beautiful fawn as they mature. Long, straight stems. Very showy and easy to grow. $1.00 each.

Pink Dawn. A very pretty, showy Rose of exceptional merit. Perfectly full, double flowers of deep rose, opening to a lovely pink with an orange base and sweetly fragrant. Sturdy, upright habit; fine for garden display and for cutting. 85c. each.

President Herbert Hoover. One of the best of the newer bicolored Roses. Long-pointed buds open to large, loose, fragrant flowers of cerise-pink, flame, scarlet, and yellow. The very tall plants produce their flowers on extra-long stems. 85c. each.

Prince Felix. Large, well-formed flowers of brilliant red. Strong, vigorous plant of Radiance type and extremely hardy. 85c. each.

Radiance. A Rose of American origin and, to our mind, one of the very best varieties in cultivation today. It is an ideal bedder, producing large flowers throughout the summer when many other varieties are out of bloom. In color, it is a beautiful even shade of pink. This Rose should be in every garden. 85c. each.

Red Radiance. A counterpart of Radiance from which it is a sport, possessing all of the good points of that valuable variety, but differing in color, which is bright cerise-red. 85c. each.

Rose Marie. Beautiful long buds which open into large flowers of perfect form and of a pleasing clear rose-pink. An old favorite. 85c. each.

Roslyn. Full golden yellow flowers, deeper in the center, with orange splashings on the reverse of the petals; fragrant. Can be cut with long stems. 85c. each.

Schwabenland. There are many pink Roses but none just like this variety, either in color or in the excellent formation of its blooms. The flowers are large, over 5 inches in diameter, with a high spiral center, the petals having a peculiar twist or curl; color a luminous, rich rose-pink, retaining its brightness until the petals drop. 85c. each.

Sensation. Excellent large, crimson-scarlet, perfect in its long-pointed bud as well as in the fully developed, sweetly scented, double flower. A strong, vigorous grower. 85c. each.

Souvenir de Claudius Pernet. A nicely formed flower of unfading sunflower-yellow, the first real yellow garden Rose. Vigorous, erect plant with shiny foliage. A consistent bloomer. 85c. each.

Sunburst. Vigorous grower, with erect or slightly spreading habit and dark bronzy foliage. The flowers are of medium size, full, fine elongated cup-form, superb cadmium-yellow, passing to yellow-orange in the center. 85c. each.

Talisman. This Rose has proved a fine garden variety. Its combination of apricot, gold, and deep rose-pink gives a glittering mass of color over a long period of time. A free-blooming variety with the highest-colored blooms in autumn. 85c. each.

Vaterland. The flowers are rich deep velvety scarlet-maroon, finely formed, high-centered, and with remarkable keeping qualities. Plant is of vigorous, strong, erect habit, with healthy foliage; free and perpetual flowering. 85c. each.

Ville de Paris. Pure yellow without a trace of any other color, standing up under all weather conditions; round buds and large globular flowers, fairly double and excellent for cutting. Plant is tall, upright, and a free bloomer. 85c. each.

W. E. Chaplin. A most meritorious red Rose. Free-flowering, vigorous grower, with disease-resistant foliage. The flowers are large, every bud developing into a perfect, full, high-centered, moderately sweet-scented deep crimson flower. 85c. each.

Hardy Hybrid Perpetual Roses

Before the development of the Hybrid Teas, this was the most popular type for garden planting. For a while they were neglected but because of their great hardiness and the quantity of their large flowers, they are again becoming popular. Most of them are deliciously fragrant. They are perfectly hardy and of vigorous growth, blooming profusely in June and sometimes sparingly in autumn. Hybrid Perpetuals are taller in growth and need more space than the Hybrid Teas; in pruning, cut away all weak growth, and if quality of bloom is desired, cut back the strong canes to within 8 to 9 inches of the ground, but if quantity of bloom for garden effect is desired, leave these canes from 2 to 3 feet high, according to their strength.

American Beauty. Very large, deep pink to carmine-cerise flowers, delicately veined with darker red. A strong grower and deliciously fragrant. 85c. each.

Frau Karl Druschki. The flower is very double and opens to a pure snow-white. Growth is vigorous and the plant is a most prolific bloomer during the month of June. Scattering flowers often appear in the fall. 85c. each.

Gen. Jacqueminot. The old favorite "Jack" Rose is still popular. Blooms are large, full, and globular, having an excellent cup-shaped form; in color they are brilliant scarlet-crimson, with deep veining toward the base of the petals. 85c. each.

Mme. Albert Barbier. This remarkable variety in its habit of flowering is as free as many of the popular Hybrid Tea Roses. Growth strong and vigorous. The buds are long and well formed, of pearly white suffused with soft, salmony flesh, and develop into large, full, double imbricated flowers of excellent form, which as they expand show a golden apricot suffused center. 85c. each.

Magna Charta. An old variety of great merit. The blooms are of large size, bright pink suffused with carmine. It is very fragrant and free flowering. 85c. each.

Mrs. John Laing. Beautifully formed, shell-pink flowers, exceedingly fragrant, and borne on strong stems. Fine for cutting. A good grower. 85c. each.

Paul Neyron. Probably the largest Rose in cultivation. Flowers clear pink, shading to soft rose, and having a delightful fragrance. A strong, vigorous grower. 85c. each.

Ulrich Brunner. Bright cherry-red flowers of large size and good form, produced freely on long stems. 85c. each.

Rosa Hugonis

Rosa Hugonis, Golden Rose of China

This Chinese native is a notable contribution to American gardens. Every branch of the previous year's growth is, in late April or early May, closely set on both sides to the very tip with exquisitely beautiful, single, clear yellow flowers. The long, arching sprays make Hugonis not only a beautiful shrub, to be planted, if one so prefers, with other shrubs, but when cut are charming as table decoration. A graceful shrub with red canes and thorns and fine fern-like foliage. 85c. each; doz. $9.00.

All varieties listed at 85c. each will be supplied at $9.00 per doz.

MICHELL'S HARDY GARDEN ROSES, continued

Dr. W. Van Fleet Climbing Roses

Climbing Hybrid Tea Roses

These are not quite as free flowering as the bush type of Hybrid Tea Roses, but they produce a large crop of beautiful flowers in June with a quite liberal scattering of flowers throughout the season. In pruning these, cut out all small, thin wood and cut the strong shoots back only to prominent eyes. If pruned too hard, they often revert to the dwarf form. They must be protected in winter in cold climates.

Climbing Cecile Brunner. A climbing form of the well-known "Sweetheart Rose."

Cl. Gruss an Teplitz. An exact counterpart of this most popular bush Rose, except that it is of a vigorous climbing habit.

Cl. Hoosier Beauty. A climbing form of this beautiful Rose. Brilliant crimson-scarlet flowers of exquisite form.

Cl. Kaiserin Auguste Viktoria. Climbing form of this popular white Rose.

Cl. Mme. Edouard Herriot. A climbing form of the popular coral-pink "*Daily Mail*" Rose. Hardier than most.

Cl. President Hoover. Good climbing Rose with the wonderful color combination of the parent.

Cl. Red Radiance. Bright cerise-red flowers, together with good growing qualities make this an excellent climbing Rose.

Cl. Rose Marie. Beautiful long buds opening into large, clear rose-pink flowers of perfect form.

Cl. Sunburst. A true Sunburst of climbing habit.

Cl. Talisman. A climbing form of this most popular Rose.

All Climbing Hybrid Tea Roses, $1.25 each; doz. $12.00

Rosa Rouletti (Rock-Garden Rose)

A unique little Rose discovered in Switzerland. Very dwarf and blooms from May until November. Tiny, double, rose-pink flowers less than one-half inch in diameter. 75c. each; doz. $7.50.

ROSE INSURANCE

Can be best supplied if you use the celebrated formula of Edwin M. Rosenbluth, Tri-ogen (see page 170).

Hardy Climbing and Rambler Roses

As ornamental plants for covering verandas, porches, side walls, pillars, fences, etc., these are unequaled, calling forth more admiration than anything else that can be used. The large-flowered varieties require no pruning beyond the removal of very old and worn-out canes, and the thinning out of weak growth. Canes becoming too long may be shortened. The Ramblers, or small-flowered cluster type, should have the old canes removed at the base as soon as they finish blooming, training the new canes into place for next year's bloom.

Albertine. A most pleasing shade of cameo-pink, with salmon suffusion; moderately double, sweetly scented flowers, produced early in the season. Healthy, glossy foliage. 75c. each.

Allan Chandler. Clusters of three or four nearly single vivid scarlet flowers. Makes a fine pillar Rose. Everblooming. $1.00 each.

Allen's Fragrant Pillar. Large, full, fragrant, satiny pink flowers throughout the season. Perfectly hardy and does not mildew. $1.00 each.

American Pillar. The large, single flowers are a lovely shade of cherry-pink, with a clear white eye surrounding numerous golden yellow stamens. 75c. each.

Chaplin's Pink Climber. A striking novelty, similar in size and form to Paul's Scarlet Climber but in color a rich, lively pink. We believe this to be one of the best climbing Roses to date. 75c. each.

Climbing Roses

Christine Wright. A beautiful Rose of strong climbing habit, producing double flowers 3 to 4 inches in diameter, singly and in clusters, of a wild-rose-pink. Usually has a few flowers in the fall. 75c. each.

Cl. American Beauty. The name of this Rose is rather misleading, yet on its own merits it is an excellent climber. It has but one blooming season, June, when it bears abundantly, large, bright self-colored, rose-pink flowers. 75c. each.

Dorothy Perkins. Beautiful shell-pink, fragrant and full, blooming in clusters in June. The most popular of all Rambler Roses. This is a very good Rose for covering stone walls, fences, embankments, and arbors. 75c. each.

Dr. W. Van Fleet. One of the most important climbing Roses, having perfectly formed buds, long-pointed, flesh-pink in color and very solid. The flesh-pink flowers are very large, borne on long stems, fragrant, and fine for cutting. 75c. each.

Emily Gray. A real yellow climbing Rose, producing long-pointed buds opening to large buff-yellow flowers with stems long enough for cutting. These stems are crimson-red in color, contrasting beautifully with the dark green, glossy, holly-like foliage. Needs protection where temperature goes to zero. 75c. each.

Jacotte. Wonderful new yellow climbing Rose with bright glossy green foliage and sweet-scented, orange-yellow flowers. 75c. each.

Mme. Gregoire Staechelin. The new climbing Rose from Spain. Gorgeously colored and exquisitely perfumed; its color is iridescent pearl-pink with claret-carmine markings on the outer petals. Perfectly hardy, and has large, disease-resistant foliage. The seed-pods are an inch in diameter. 75c. each.

Mary Lovett. One of the best white climbing Roses, producing fragrant, double white flowers on long, strong stems. Very free flowering. 75c. each.

Mary Wallace. Long-pointed buds and very large, cupped, semi-double flowers, clear rose-pink in color. A strong grower and very free flowering. Often repeats in autumn. 75c. each.

Paul's Scarlet Climber. No other Rose in any class can compare with it for brilliancy of color, which is a vivid scarlet that is maintained without burning or bleaching until the petals fall. 75c. each.

Primrose. A real hardy yellow Rambler, in color a light primrose-yellow, holding this color until the petals drop. The flowers are about 2½ inches in diameter, double, and are borne in trusses of from 2 to 5 on long stems. 75c. each.

Scorcher. Handsome vermilion flowers covering the plant in great profusion. Everblooming. $1.00 each.

Silver Moon. An indispensable hardy climber having long, well-shaped buds, creamy yellow on first appearance, opening into immense clematis-like flowers of a waxy whiteness. The center is a mass of bright yellow stamens, making a wonderful contrast. 75c. each.

White Dorothy. A handsome pure white sport from the old favorite Dorothy Perkins, and it has all of the finer qualities found in that charming variety. 75c. each.

Rosa Rouletti

Michell's Hardy Perennial Plants

All of the old-fashioned flowers which were the delight of our grandmothers are to be found in this class of plants. They are all perfectly hardy and die down in the fall, appearing again in the spring with renewed vigor.

There is an ever-increasing demand for Hardy Perennial Plants, as they are of easy culture and there is not a time during the whole season when some are not in bloom. Each variety has a fixed time for flowering, so that by making a judicious selection a succession of blooms may be had from early spring until the late autumn. There is no set rule for the planting of Perennials. The amount of room at one's disposal, the location, and also the individual taste of the planter must be taken into consideration. Probably the most satisfactory results are obtained from a hardy border backed by a hedge or a fence, planting some of the taller-growing sorts such as Hollyhocks, Hardy Asters, Bocconias, Helianthus, and Boltonias in the back, graduating the shorter-growing sorts toward the front and finishing the border with an edging of *Plumbago Larpentæ*, *Phlox subulata*, Arabis, and other of the dwarf growers.

Our booklet, "The Hardy Flower Garden," is an instructive publication and will be sent free on request.

VARIETIES MARKED ★ ARE SUITABLE FOR ROCK-GARDENS

MICHELL'S COLLECTIONS OF HARDY PERENNIAL PLANTS

No. 1. 12 plants, good assortment	$2 50
No. 2. 25 plants, good assortment	5 00
No. 3. 50 plants, good assortment	$10 00
No. 4. 100 plants, good assortment	20 00

Æthionema persicum

Achillea • Milfoil; Yarrow

Fillpendulina. Fernleaf Yarrow. Finely cut foliage and heads of brilliant yellow flowers, lasting in full beauty all summer. 4 to 5 ft.

Millefolium, Cerise Queen. Rosy Milfoil. Finely cut, deep green foliage. Flowers cherry-red, in dense heads. 1½ ft.

Ptarmica, Boule de Neige (Ball of Snow). An improvement on The Pearl. The flowers, while not quite so large, are of more perfect form, with fuller centers, which makes it appear purer in color.

Ptarmica, The Pearl. A mass of double, pure white flowers throughout the entire summer. The strong, erect stems make it one of the best summer flowers for cutting.

★**Tomentosa.** Woolly Yarrow. Handsome cut foliage with bright yellow flowers. 1 ft. June.

All Achilleas, 25c. each; doz. $2.50; $4.50 for 25

Aconitum

Monkshood; Helmet Flower

Fischeri. A dwarf variety, growing 1½ feet high, with large, pale blue flowers in September and October.

Aconitum, continued

Napellus, Sparks' Variety. The darkest blue of all. 3 ft. June.

Wilsoni. Tall-growing. Violet-blue flowers in very late fall.

All Aconitums, 30c. each; doz. $3.00

Aethionema

Persicum. Lebanon Candytuft. Beautiful shrubby alpines of spreading habit. Rose-colored flowers from May until August. Suitable for the border or rockery. 30c. each; doz. $3.00.

Warley Rose. A beautiful, glaucous shrublet, growing from 4 to 6 inches high, producing a mass of deep pink flower-heads. Gives a delightful impression of a miniature *Daphne Cneorum*. Best in a sunny exposure, planted in a sandy loam. Very hardy. 50c. each; doz. $5.00.

Agrostemma

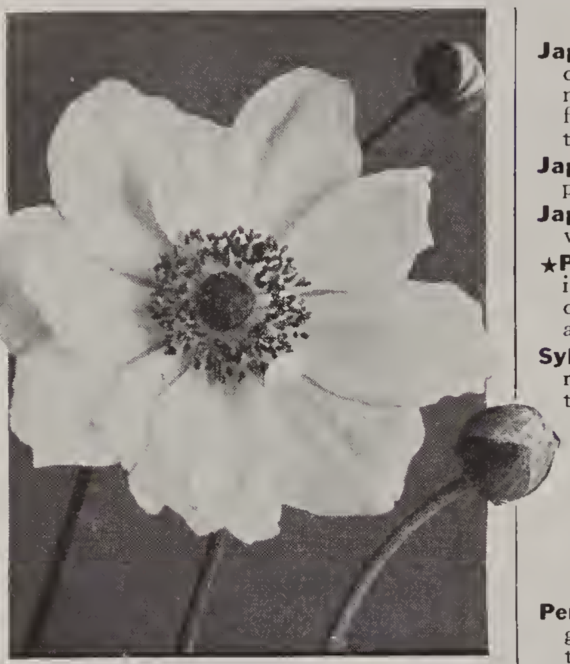
Stout, erect-growing plants, with silvery foliage, which contrasts well with the showy flowers produced during June and July.

Coronaria. Mullein Pink; Rose Campion. Bright rosy crimson. 2½ to 3 ft.

Coronaria alba. A pure white variety.

All Agrostemmas, 25c. each; doz. $2.50; $4.50 for 25

The fall-blooming Anemones are beautiful flowers



Anemone japonica, Margarete

★Alyssum

Argenteum. A dwarf-growing plant with silvery green foliage and clusters of canary-yellow flowers throughout the summer.

Rostratum. Bright golden yellow flowers in June and July. 1 ft.

Saxatile compactum. An excellent, low, spreading plant for rockery or border, growing about 10 inches high and producing, in May, masses of golden yellow flowers.

Saxatile compactum fl.-pl. A double-flowering form of the well-known Basket of Gold. 35c. each; doz. $3.50.

All Alyssums, except where noted, 25c. each; doz. $2.50; $4.50 for 25

Anchusa · Sea Bugloss

Italica, Dropmore. Plants of pyramidal shape, 4 feet high, branch freely, and are loaded with bright blue, forget-me-not-like flowers in June. Very showy and valuable. 25c. each; doz. $2.50.

Myosotidiflora. A distinct dwarf variety from the Caucasus Mountains, with clusters of pretty blue, forget-me-not-like flowers in May. 1 ft. 30c. each; doz. $3.00; $20.00 per 100. See color illustration opposite page 89.

Anemone · Windflower

As a last greeting of autumn, these gay flowers appear in wondrous brilliancy and produce a wealth of bloom until cut down by hard frost. Plants vary from 2 to 3 feet high, and are ideal for cutting. The flowers appear in August and remain till frost. They require winter protection with leaves, straw, or long manure, which amply repays one for the extra trouble taken.

★**Hupehensis.** A native of central China, resembling Japonica in a miniature way. The plant grows 10 to 12 inches high and is wonderfully free flowering from early August until late autumn. Flowers a pleasing mauve-rose in color.

Japonica, Margarete. A double, dark rose-flowered Anemone, tall-growing and a good companion to Whirlwind and Queen Charlotte. Flowers about one week earlier than these varieties. 50c. each; doz. $5.00.

Japonica, Queen Charlotte. Very large, semi-double flowers of La-France-pink, a color that is rare among hardy plants.

Anemone, continued

Japonica, September Charm. Flowers delicate silvery pink, shaded with rose and mauve, 2 inches or more across. Very free flowering. 2 ft. Sept. See color illustration opposite page 89.

Japonica, Whirlwind. Large, semi-double, pure white flowers. Very free.

Japonica rubra. Lovely rosy red flowers with bright yellow stamens.

★**Pulsatilla.** Pasque Flower. An interesting plant for the rockery or border, producing violet or purple flowers during April and May. 9 to 12 in.

Sylvestris. Snowdrop Windflower. Large, nodding, sweet-scented, lavender flowers, tinted white, borne singly or two together on 6- to 8-inch stems. Pretty drooping buds and finely cut foliage. Prefers semi-shade. April, May.

All Anemones, except where noted, 30c. each; doz. $3.00; $5.50 for 25

Anthemis · Marguerite

Perry's Variety. Improved Golden Marguerite. A wonderful improvement over the well-known *Anthemis tinctoria*. Large, well-shaped flowers, nearly 3 inches across, from June to October. The well-proportioned plants, with delicate, fern-like foliage, are most attractive and become covered with bright golden yellow flowers which are valuable for cutting. 15 to 18 in. 25c. each; doz. $2.50; $4.50 for 25.

Aquilegia · Columbine

These are invaluable for spring bloom, producing their graceful, spurred flowers on stems rising 2 feet above their attractive foliage, during May and June.

Michell's Long-spurred Hybrids, Mixed. The plants are of strong, thrifty growth and the flowers of the largest size. Can be supplied in separate shades: Blue, Pink, and Red and Orange.

Canadensis. Common American Columbine. Native bright red and yellow variety. One of the brightest.

Chrysantha. Golden Columbine. Bright yellow, long-spurred flowers.

Coerulea. Rocky Mountain Columbine. Bright blue and white, long-spurred flowers.

Mrs. Scott Elliott's Hybrids, Mixed. The most famous of these beautiful flowers. Wonderful colors; very long spurs.

Rose Queen. A new variety with long-spurred flowers of a pleasing shade of delicate pink.

Snow Queen. Pure white, long-spurred type.

All Aquilegias, 25c. each; doz. $2.50; $4.50 for 25

★Arabis · Rock-Cress

Alpina. One of the most desirable of the very early spring-flowering plants that is especially adapted for edging and for the rock-garden, but does equally well in the border, forming a dense carpet, completely covered with pure white flowers. 25c. each; doz. $2.50.

Alpina fl.-pl. The double white Rock-Cress, flowering from April until June. 35c. each; doz. $3.50.

Alpina rosea. Single; delicate soft pink flowers. 35c. each; doz. $3.50.

★Arenaria · Sandwort

Montana. Very desirable creeping plant, forming a dense carpet of foliage, covered with attractive white flowers in spring. Excellent for the rockery. 25c. each; doz. $2.50.

★Armeria · Sea Pink; Thrift

Attractive, dwarf plants that will succeed in any soil, forming evergreen tufts of bright green foliage, from which appear innumerable dense heads of flowers on stiff, wiry stems, from 9 to 12 inches high.

Cæspitosa Hybrids. Knots of spiny cushions, studded with heads of delicate pink flowers. 2 to 3 in. 35c. each; doz. $3.50.

Cephalotes, Bees' Ruby. Stout stems with large, globular heads of brilliant ruby-red flowers. 50c. each; doz. $5.00.

Cephalotes rubra. Large heads of crimson-red flowers on stout stems. 30c. each; doz. $3.00.

Laucheana rosea. Bright rose. 30c. each; doz. $3.00.

Artemisia

A most useful class of plants, either for the border or for filling in within the shrubbery. With the exception of Lactiflora, they are not remarkable for their flowers but the foliage of the sorts offered is very ornamental.

Abrotanum. Old Man; Southernwood. Dark green, finely cut foliage, with pleasant aromatic odor. 2 ft.

Frigida. Fringed Wormwood. A shrubby little plant growing from 8 to 12 inches high, with finely cut silvery foliage. Fine border plant.

Lactiflora. White Mugwort. A variety of great merit. White, very fragrant flowers in much-branched panicles. Plant in fertile, moist soil. 4 ft. Aug., Sept.

Pedemontana. Handsome variety with finely cut silvery foliage.

Silver King. A new variety with beautiful, bright silvery foliage, which, when cut and dried, retains its silver color all winter.

Stelleriana. Old Woman. Deeply cut silvery foliage. Much used in carpet bedding. 1½ ft.

All Artemisias, 30c. each; doz. $3.00

Asclepias · Butterfly Weed

Tuberosa. Very showy native plants, about 2 feet high, producing their flowers of brilliant orange-scarlet during July and August. 25c. each; doz. $2.50.

Anchusa myosotidiflora

VARIETIES MARKED ★ ARE SUITABLE FOR ROCK-GARDENS

Outstanding New Hardy Asters

Aurora. Large, semi-double flowers of a beautiful clear shell-pink with yellow centers. Charming feathery foliage of a bushy habit. 1½ ft. Sept.

Blue Bouquet. Large, clear violet-blue flowers with yellow eyes. Very charming. 1½ ft. Oct.

Burbank's Charming. Entirely distinct from any other Aster in habit of growth and foliage. Plants grow 5 feet high and are completely covered with masses of feathery sprays of a delicate rosy white color. Oct., Nov.

Charles Wilson. A bright red Aster which is getting many laudatory comments from test plantings throughout the country. Grows 3 feet high and is very good.

Dorothy Vokes. Very distinct bushy habit, covered with clear pink flowers. 15 in. Oct.

Hybridus luteus. Masses of bright clear yellow, star-shaped flowers. A yellow border acquisition from July until frost. Grows compact and bushy, 2 feet high. Free flowering and keeps well when cut.

Mt. Everest. A wonderful white Aster, by far the finest and best white ever introduced. Very tall, well-shaped pyramids of flowers right down to the ground. The blooms are large, pure white, with a very small yellow eye, and, unlike other white Asters, the old flowers do not discolor the mass.

Red Rover. Deep rosy red flowers with golden centers; buds bright red, giving us our first red fall-flowering Aster. Compact in habit and very free flowering. A real novelty which should be in every garden. 3 to 4 ft. Sept. to frost.

Skylands Queen. Large, light blue flowers produced abundantly on 4-foot plants in late August and early September. Dark green, disease-resistant foliage. The best fall Aster and a happy grower.

All New Hardy Asters, 50c. each; doz. $5.00

New Dwarf Border Asters

Introductions of 1936

The following is a selected list of new hybrids. All are quite distinct and pretty. You will make no mistake in making a planting of these this season.

Constance. A really pure shell-pink—a delightful color. Very graceful habit. 9 in. Oct.

Diana. Large, delicate, soft pink, semi-double flowers with pretty feathery green foliage. 9 in. Sept.

Hebe. A compact variety with small, deep pink flowers. An ideal rock-plant. 10 in. Sept.

Lavanda. Lavender-blue flowers. Very free and early, commencing to bloom early in September. 6 in.

Lilac-Time. Lovely soft lilac flowers. Very free and of bushy habit. 1 ft. Sept., Oct.

Niobe. The best white variety. Dwarf, compact habit with pure white flowers. 6 in. Sept.

Any of above New Dwarf Border Asters, 50c. each; doz. $5.00

Hardy Asters · Michaelmas Daisies
See page 102

Aster, Charles Wilson

Dwarf Hybrid Border Asters

★Dwarf Border Asters

We take pleasure in introducing a collection of dwarf Hybrid Asters which we feel will fill a long-felt want in providing a race of dwarf, compact, free-flowering plants, blooming when there is a scarcity of low-growing flowering plants. They rarely exceed 1 foot in height, and during the blooming period in September they are completely covered with blossoms for a considerable time. Exceptionally fine for edging or grouping in front of borders; also charming for the rock-garden.

Countess of Dudley. Charming, clear pink flowers with yellow eyes. Bushy and free flowering. 9 in. Late Sept.

Lady Henry Maddocks. Clear, pale pink flowers. Very free blooming and of dwarf, compact growth. 1 ft. Sept.

Marjorie. A charming plant of compact growth, bearing large, bright rose-pink flowers. 1 ft. Mid-Sept.

Nancy. Dwarf, bushy grower and very free flowering, the plants being covered with pale flesh-pink flowers toward the end of September. 1 ft.

Ronald. Forms a dwarf bush covered with flowers of a pleasing bright shade of lilac-pink, with rose-pink buds. Very showy. 1 ft. Mid-Sept.

Snowsprite (Snow Fairy). A very dwarf, early fall-flowering variety, forming compact clumps about 1 foot high. These are smothered with large, semi-double, white flowers. An excellent novelty which deserves a place in every garden. Early Sept.

Victor. The dwarfest of all and very pretty. Flowers are of good size and of a beautiful clear, pale lavender-blue. A charming rock-plant. 1 ft. Early Sept.

All Dwarf Border Asters, 35c. each; doz. $3.50

Aster, Mt. Everest

★Dwarf Asters

Alpinus. Indispensable for the rockery or edge of hardy borders as they grow only 6 to 10 inches high. Large, showy, bluish purple flowers in May and June.

Alpinus albus. Pure white flowers.

Mauve Cushion. An entirely distinct species. Forms a circular, cushion-like plant 2½ feet across, rarely exceeding 9 inches in height. Flowers delicate, soft mauve, with silvery white reflection, and over 1¼ inches in diameter, completely cover the plant. Blooms begin to expand early in October, but are not at their best until November.

Subcœruleus. Forms a dense tuft of leaves from which spring many leafless stems 1 foot high, bearing, in June and July, large, bluish violet flowers.

Aster Subcoeruleus, Star of Wartburg

A giant form with large individual flowers on strong, erect stems 12 inches high. Blooms very early and makes a fine display with its dark lilac-blue flowers with orange center. The plants we offer are grown from divisions of the original stock. 50c. each; doz. $5.00.

All Dwarf Asters, except where noted, 30c. each; doz. $3.00

Aster Frikarti, Wonder of Staefa

A new, everblooming perennial. Flowers clear azure-blue, about 3 inches in diameter, on long stems. Blooms from June until frost. 50c. each; doz. $5.00.

VARIETIES MARKED ★ ARE SUITABLE FOR ROCK-GARDENS

Have you tried Michell's English Daisies?

Astilbe Arendsi

Aster, Queen Mary

Boltonia latisquama

Hardy Asters · Michaelmas Daisies

Anita Ballard. Light lobelia-blue, shading to lighter center. Early and free. 3 ft.

Barr's Pink. A strong, vigorous grower, forming shapely plants from 4 to 5 feet high with beautiful pink flowers.

Blue Gem. One of the most decorative free-flowering, rich blue varieties. Probably the nearest approach to a true blue. 3 ft.

Glory of Colwall. Large, nearly double, ageratum-blue flowers. Remarkably free flowering. 2½ ft.

Miss Eisele. Very large flowers of beautiful lavender-blue. One of the best. 3 ft.

Novæ-angliæ. Bright violet-purple flowers in abundance during the early autumn. 4 ft.

Novi-belgi, Climax. One of the best and showiest, with large, pyramidal spikes of lavender-blue flowers. 5 ft.

Pink Progressive. Very bushy plants with masses of small pink flowers. The best low-growing pink. 2½ ft.

Queen Mary. The best of the Novi-belgi type. Graceful flowers of a particularly pleasing blue, tinted lavender, 2½ inches in diameter, arranged loosely in branching panicles. 3½ ft.

Roseum superbum. One of the best hardy Asters we have ever seen. Almost red. Profuse bloomer.

Sam Banham. Very large, graceful, pure white flowers. One of the earliest to bloom. 3 ft.

St. Egwin. Densely branched, producing beautiful pink flowers. 3 ft. Sept.

Tataricus. Large, bluish violet flowers. Very late. 6 ft.

All Hardy Asters, 25c. each; doz. $2.50; $4.50 for 25

Astilbe Arendsi

Plants of vigorous growth, 2½ to 3½ feet high. They prefer a half-shady, moist position in any ordinary garden soil.

Amethyst. Well-branched spikes of deep violet-purple. 3 ft. End of June.

Bremen. A lovely variety with spikes of dark salmon-carmine flowers. Fine for forcing.

Vesta. Very graceful plumes of light lilac-rose.

All Astilbes, 50c. each; doz. $5.00

★Aubrietia

Rainbow Rock-Cress

Deltoidea. Neat, compact plants, covered with closely set lilac flowers. Excellent for the rockery. 30c. each; doz. $3.00; $5.50 for 25.

Bellis

Perennis. English Daisy. Improved, double pink or white flowers. Separate colors. 25c. each; doz. $2.50; $4.50 for 25.

Bocconia

Cordata. Plume Poppy; Tree Celandine. A noble, hardy perennial, beautiful in foliage and flower, admirably adapted for planting in the shrubbery borders, center of beds and in bold groups in almost any position. It will grow in any soil or situation, attaining from 6 to 8 feet in height. Creamy white flowers in terminal panicles during July and August. 25c. each; doz. $2.50; $4.50 for 25.

Callirhoe involucrata (Poppy Mallow)

Boltonia · False Chamomile

Among the showiest of our native hardy perennial plants, with large, single, aster-like flowers.

Asteroides. Pure white. Very effective. 5 to 7 ft.

Latisquama. Pink, slightly tinged with lavender. 4 to 6 ft.

All Boltonias, 25c. each; doz. $2.50; $4.50 for 25

Callirhoe · Poppy Mallow

Involucrata. An excellent trailing plant with finely divided foliage and large, saucer-shaped flowers of bright rosy crimson with white centers, produced freely during summer and fall. 25c. each; doz. $2.50.

Caryopteris Mastacanthus Superbus

A handsome, free-flowering, woody, hardy plant, growing from 2 to 3 feet high. The long branches are completely covered with clear-colored flowers during September and October. Well adapted for cutting and valuable on account of its late flowering habit. We can furnish these in separate colors: Blue, Pink, and White. 35c. each; doz. $3.50.

Centaurea

Plants of easy culture, delighting in an open, sunny position, and producing a wealth of bloom which not only makes a fine display in the border but is excellent for cutting.

Dealbata. Bright rose-colored flowers borne profusely from July until September. 1½ ft.

Macrocephala. Large, thistle-like, golden yellow flowers. Useful for cutting and showy in the border. 3½ ft. July, Aug.

Montana. Mountain Bluet. Grows 2 feet high, bearing large violet-blue flowers from July to September.

Montana alba. Pure white form of above.

All Centaureas, 25c. each; doz. $2.50; $4.50 for 25

Chelone · Turtle-Head

Handsome perennials growing about 2 feet high and bearing numerous large flower-heads during the summer.

Lyoni. Heads of showy purplish red flowers. 30c. each ; doz. $3.00; $5.50 for 25.

VARIETIES MARKED ★ ARE SUITABLE FOR ROCK-GARDENS

Are your Campanulas up-to-date? Try Miranda

Cerastium tomentosum

Hardy Carnations

Cheiranthus (Siberian Wallflower)

Campanula • Bellflower

Showy perennial plants of special merit. They should have a prominent place in every well-ordered hardy garden. Campanulas delight in good rich loam, preferring a semi-shaded place.

Calycanthema. Cup and Saucer. Pink, White, and Blue, separate colors. 1½ ft. June, July.

★**Carpatica.** Carpathian Harebell. A pretty, compact-growing variety with clear blue flowers on erect, wiry stems, from July until October. An ideal edging for the border or rockery.

★**Carpatica alba.** Pure white form of the above.

★**Garganica.** Forms a low, spreading tuft, covered in June with star-shaped light blue flowers having white eyes. An excellent rock-plant.

Glomerata superba. Flowers dark violet. Late-flowering.

Medium. Old-fashioned Canterbury Bells. Flowers freely in June. Blue, Pink, and White, in separate colors. 3 to 4 ft.

Miranda. A welcome addition to the choice dwarf Campanulas. This variety begins to flower after *C. garganica*, during late June, July, and August, and continues to produce continuously a luxuriant mass of wee, dainty, nodding bells of an exquisite lavender-blue on fragile stems 4 to 6 inches high. The plant is always a beautiful design of deep green, chiseled leaves. A little shade and loose soil are required to make this variety permanent and happy. 50c. each; doz. $5.00.

Muralis. A midsummer-blooming Campanula with masses of purple-blue, bell-shaped flowers on 4- to 6-inch stems.

Persicifolia. Peach Bells. Bright blue flowers during June and July. 2 ft.

Persicifolia alba. Pure white form of above.

Persicifolia, Double Blue. We are pleased to introduce this rare double form of the Peach Bell Campanula rarely seen in modern gardens. Perfectly hardy and endowed with a robust constitution, it yields a continuous mass of large blue cups during May, June, and July. One of the most desirable novelties of the year. 75c. each; doz. $7.50.

Poscharskyanum. A trailing plant related to *C. garganica* but with a greater profusion of gray-blue, starry flowers. Excellent for dry walls and trailing over large boulders. Blooms from May until July and often again through the fall. Does well in either sun or shade. 4 in.

Campanula, continued

Pyramidalis. Chimney Bellflower. The most conspicuous of all Campanulas, forming a perfect pyramid 4 to 6 feet high of porcelain-blue flowers in August.

Pyramidalis alba. Pure white form of the above.

Rapunculoides. Flowers purplish blue. Strong-growing.

Rotundifolia. Blue Bells of Scotland. The true Harebell. Clear blue flowers from June to August.

Trachelium. Coventry Bells. Purple flowers. 3 ft. June, July.

All Campanulas, except where noted, 30c. each; doz. $3.00; $5.50 for 25

Hardy Border Carnations

Choice mixed seedlings produced from seed. We supply strong plants that will furnish an abundance of double flowers this season. 25c. each; doz. $2.50; $4.50 for 25.

★Cerastium • Snow-in-Summer

Tomentosum. Pure white flowers and silvery foliage. A compact grower and fine for the rock-garden. 25c. each; doz. $2.50; $4.50 for 25.

Coreopsis, Golden Giant

★Cheiranthus

Allioni. Siberian Wallflower. An excellent rock-plant growing about 1 foot high and producing an abundance of brilliant orange flowers in June. 25c. each; doz. $2.50; $4.50 for 25.

Shrubby Clematis

Davidiana. A most desirable variety with fresh, bright green foliage and very fragrant, bell-shaped, deep lavender-blue flowers during August and September. 35c. each; doz. $3.50.

Coreopsis

Lanceolata, Golden Giant. A glorious, new, large-flowering Coreopsis. The flowers are a rich golden yellow, 4 inches in diameter, perfect in form and attractively fragrant. An outstanding novelty. See color plate opposite page 105. 50c. each; doz. $5.00.

Lanceolata grandiflora. Flowers rich golden yellow, of graceful form, making them fine for cutting. A few plants make a handsome display, either planted individually or in clumps. Dozens of flowers are produced on a single plant, and where quantity and quality are wanted, Coreopsis should be planted. June till October. 25c. each; doz. $2.50; $4.50 for 25.

Coronilla

Cappadocica. A glaucous mat emblazoned with a coronet of golden, pea-shaped flowers during late May, June, and July. Best in full sun. A novelty of the highest merit. 50c. each; doz. $5.00.

Cypripedium • Hardy Orchid

There is a wealth of beauty in this little-cultivated class of plants. The sorts offered below are quite hardy and succeed best in a partially shaded position in a deep, moist soil, composed of equal parts of loam, leaf-mold, and sand.

Acaule. Lady-Slipper. Broad, oval foliage and showy, bright pink, lighter-veined, curiously formed flowers.

Pubescens. Yellow Lady-Slipper. Large, showy, bright yellow flowers.

Spectabile. Moccasin Flower; Showy Lady-Slipper. Clusters of beautiful pink and white flowers.

All Cypripediums, 50c. each; doz. $5.00

VARIETIES MARKED ★ ARE SUITABLE FOR ROCK-GARDENS

Hardy Chrysanthemums—Nature's parting gift to autumn

Chrysanthemum, Astrid

Dwarf Chrysanthemum, Pink Cushion

Hardy Garden Chrysanthemums

These showy and effective favorites are now universally popular. When planted outside, they extend the flowering season of your perennial garden, blooming profusely in October after other flowers have been browned by early frosts, which do not affect the Chrysanthemums, and producing a wealth of bloom especially fine for cutting. They should be planted in a well-drained position, either in the hardy border or at the edge of a shrubbery border. The planting should be done early in the spring, so that the plants will have the entire summer to establish themselves, and late in the autumn, after they have finished flowering, and the tops have been cut off, they should have a covering of leaves or loose litter as a winter protection, but do not cover with manure. Early in the spring, after danger of severe freezing is over, and before any growth starts, the covering should be removed.

Adironda. See color insert opposite. 25c. each; doz. $2.50; $15.00 per 100.

Aladdin. Bright apricot flowers produced on long stems from early August until frost.

Astrid. See color illustration opposite. 50c. each; doz. $5.00.

Early Bronze. An extremely early-flowering type and one of the best for cutting and general garden use. Large, double flowers from September to frost.

Frances Whittlesey. See color opposite. 25c. each; doz. $2.50; $15.00 per 100.

Granny Scovill. See color opposite. 25c. each; doz. $2.50; $15.00 per100.

Lilian Doty. A strong, upright grower, producing beautiful sprays of clear light pink flowers of aster type.

Mrs. H. E. Kidder. Early, large, yellow aster-type flowers.

Mrs. H. Harrison. See color opposite. 25c. each; doz. $2.50; $15.00 per 100.

Murillo. Medium early. One of the best pink hardy aster-flowered Chrysanthemums.

Ouray. An early-flowering variety of medium height, bearing flowers of good size on long, stiff stems. Very brilliant deep scarlet, with coppery suffusion.

★**Pink Cushion.** True to its name, it makes a complete, compact cushion of pink. Excellent for borders or rock-gardens. Grows 1½ to 2 feet high and blooms constantly from September until frost. Individual pink flowers are of pompon size.

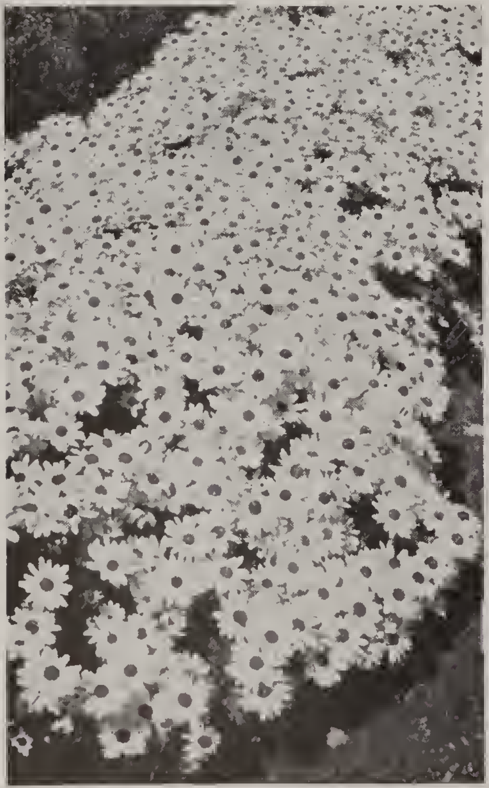
Ruth Cumming. Early. Terra-cotta; aster-flowered.

Ruth Hatton. Early. White; aster-flowered.

White Doty. A sport of the popular variety Lilian Doty and identical in every way except color, which is pure white.

Yellow Normandie. One of the earliest to bloom. A beautiful yellow, aster-flowered variety.

All varieties (except where noted), 25c. each; doz. $2.50; $4.50 for 25



Innocence. See page 105

New Early Korean Hybrid Chrysanthemums

From 25,000 hybrid seedlings of 1934, the following were selected, not alone for the novel color tones in many of them and their variations in form, but most particularly because of their flowering from 10 to 14 days earlier than the Korean crosses heretofore offered.

The Korean Hybrids have been welcomed not alone for their dainty flowers and graceful plants, but particularly for their increased hardiness. The varieties offered will begin flowering early in September and continue well through October.

Aphrodite. See color insert opposite.

Clio. Dwarf, compact plant of pleasing habit, producing masses of deep carmine-rose, duplex flowers.

Fortuna. Very vigorous plant of medium height and covered with unique, curly-petaled, ox-blood-red flowers 3 to 4 inches in diameter. Very striking.

Hestia. The nicely formed, semi-double flowers are very freely produced on compact, bushy plants of medium height. Color is a very delicate rose-pink with a white halo around the small yellow disc.

Juno. Very dwarf, compact plant, producing an abundance of single flowers, opening coppery red and fading with age to salmon-flesh.

Niobe. A vigorous, healthy plant of dwarf, compact growth. Flowers over 2½ inches in diameter, of a clear, glistening white with yellow disc, are freely produced.

Nysa. Large, rather tall, upright plant growing 2½ to 3 feet in height and producing a great abundance of single flowers 3 inches in diameter. The color is a very clear rosy lilac.

Psyche. Wonderfully dainty 4 to 5-inch single flowers are produced with wiry stems on strong, healthy plants of medium height. Color a clean, lively shell-pink.

Sappho. Compact, dwarf plant covered with good-sized single pure yellow flowers.

Saturn. See color insert opposite.

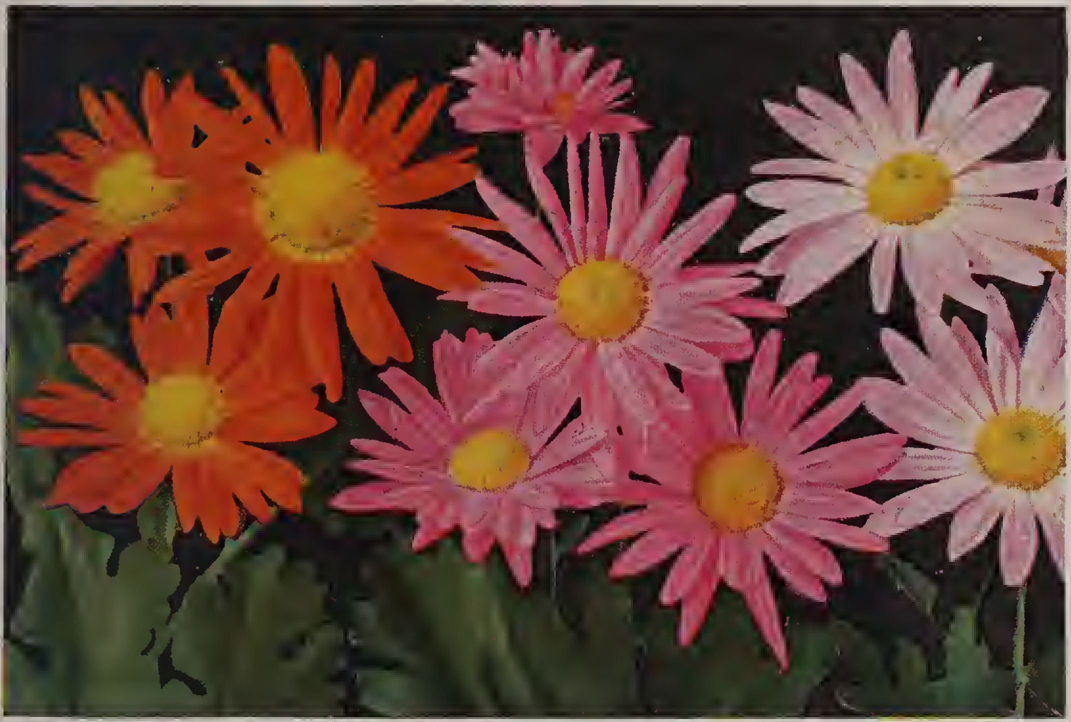
Thalia. Compact, bushy plant growing 1½ to 2 feet high. The duplex flowers are of a lively orange shade.

Venus. See color insert opposite.

Vesta. A plant of medium height and great vigor, literally covered with flowers over 2½ inches in diameter, of a deep golden orange shade, almost a duplex.

All of above New Korean Hybrid Chrysanthemums, 50c. each; doz. $5.00

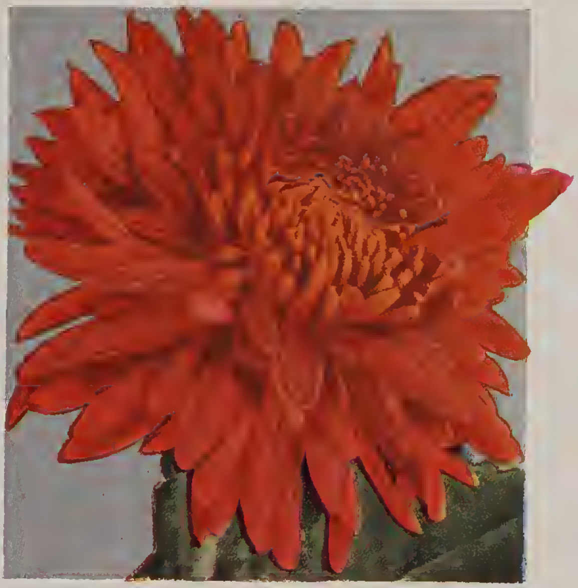
VARIETIES MARKED ★ ARE SUITABLE FOR ROCK-GARDENS



SATURN
50c. each; doz. $5.00

VENUS
50c. each; doz. $5.00

APHRODITE
50c. each; doz. $5.00

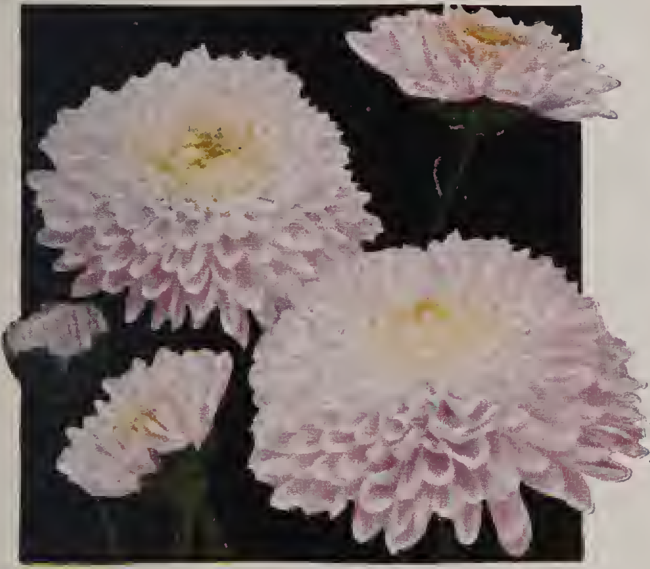


FRANCES WHITTLESEY
25c. each; doz. $2.50; $15.00 per 100

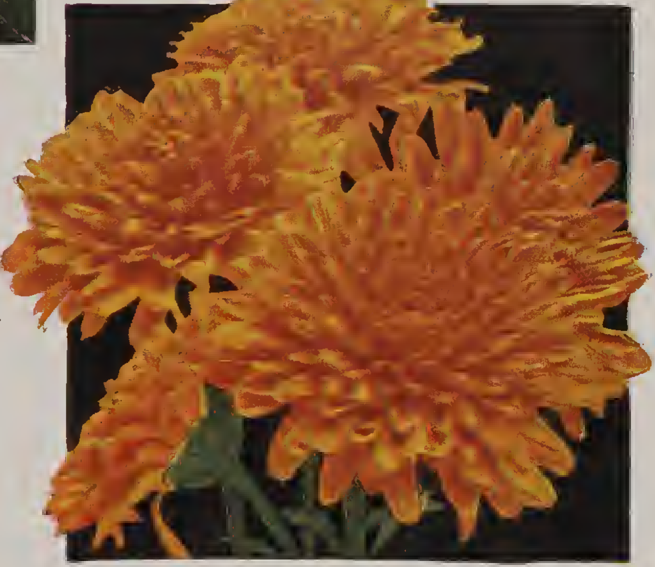
HARDY CHRYSANTHEMUMS

OUR autumn gardens would be bare and dull without the Hardy Chrysanthemums. Here are pictured eight new introductions. Aphrodite, Saturn, and Venus were presented in 1936; plants grow about 2½ feet and bloom in early October. Astrid was presented in 1935, and the others in 1934.

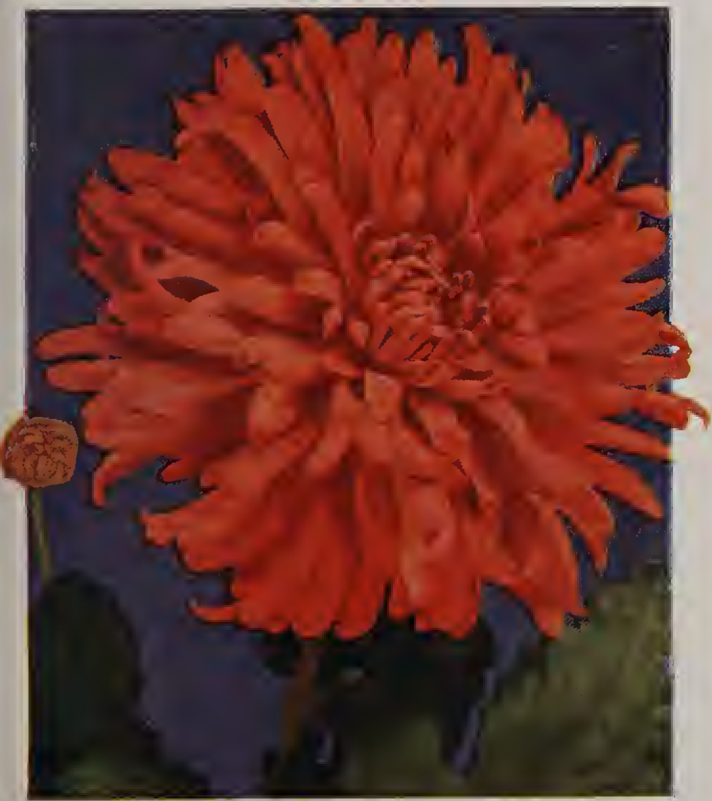
All are offered in pot-grown plants



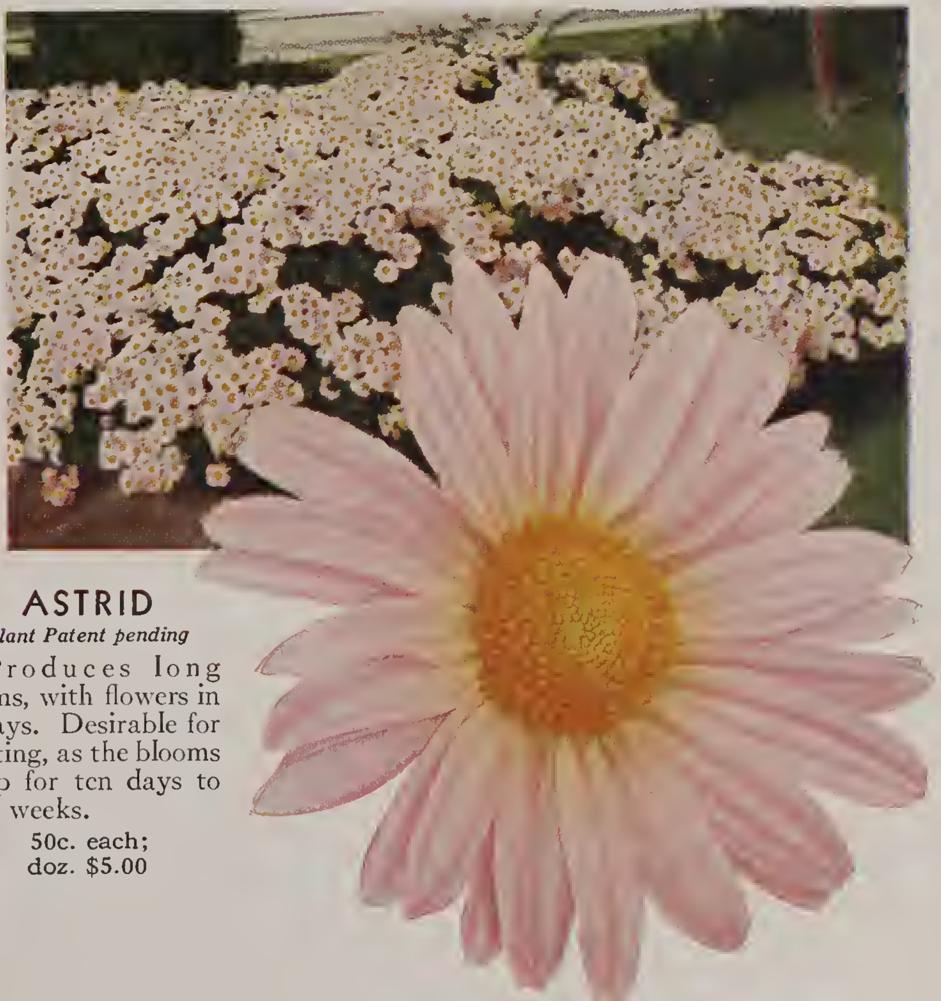
MRS. H. HARRISON
25c. each; doz. $2.50; $15.00 per 100



ADIRONDA
25c. each; doz. $2.50; $15.00 per 100



GRANNY SCOVILL
25c. each; doz. $2.50; $15.00 per 100



ASTRID

Plant Patent pending

Produces long stems, with flowers in sprays. Desirable for cutting, as the blooms keep for ten days to two weeks.

50c. each;
doz. $5.00

PRIMULA VERIS

THE five plants pictured here will give color from early May to late October. *Primula veris* and Daphne are lovely rock-garden plants. Perpetual Hybrid Delphiniums have tall, tapering spikes of bloom that tower above other plants. Veronica and Coreopsis will make a surprising show when used in large groups. All are so modestly priced that you can use them freely in the border or in large masses.

Primula veris. 30c. each; doz. $3.00; $20.00 per 100.

Veronica spicata. 30c. each; doz. $2.75; $18.00 per 100.

Delphinium, Perpetual Hybrids. 50c. each; doz. $5.00; $40.00 per 100.

Coreopsis, Golden Giant. 50c. each; doz. $5.00.

Daphne Cneorum. Garland Flower. $1.00 each.

VERONICA SPICATA

PERPETUAL HYBRID DELPHINIUMS

COREOPSIS, Golden Giant

DAPHNE CNEORUM

The new Shasta Daisies are sensational novelties

Chrysanthemums, Korean Hybrids

These extra-hardy, single-flowering Chrysanthemums are one of the most outstanding new creations. During the late fall the plants are simply covered with graceful, large, single flowers of rare charm.

Apollo. Sparkling combination of bronze, red, and gold suffused with salmon. The flowers are produced in sprays with single flowers 2 inches in diameter. 2½ ft. Early October.

Ceres. A suffusion of old-gold, chamois-yellow, and soft coppery bronze. Attractive single flowers produced in sprays. A handsome plant 2 to 2½ feet high. Early October.

Daphne. Beautiful Daphne-pink, with a lilac sheen and prominent golden stamens in the center of the single flowers, which are 3½ inches in diameter. Blooms early in October and grows from 2 to 2½ feet high.

Diana. A charming blend of rose-pink, mingled with lilac-rose and soft salmon. Has triple rows of petals. Early October.

Innocence. The buds are flesh-pink, opening into daisy-like, pure white flowers. 1½ ft. Sept., Oct.

Louise Schling. Glowing salmon-red, changing to a soft bronzy salmon as the flower matures. Flowers are fully 3 inches in diameter with three or four rows of petals. Early October.

Mars. The almost single flowers are deep amaranth-red, changing to wine-red, overlaid with a velvety sheen, making a very striking effect in the garden. 2½ ft. Early October.

Mercury. Plant Patent No. 58. The nicely formed, showy flowers are about 3 inches in diameter, opening bronze-red, changing to coppery bronze as they mature. This is a cut-flower that will keep well and the graceful sprays make it ideal for that purpose. Early October.

All Korean Hybrids, 35c. each; doz. $3.50

Dicentra • Dielytra

★**Eximia.** Fringed Bleeding-Heart. A dwarf-growing variety with beautiful, finely cut foliage and showy racemes of pretty pink flowers throughout the season. 30c. each; doz. $3.00.

Spectabilis. Bleeding-Heart; Seal Flower. We are fortunate in again being able to offer this old-fashioned favorite. Its long sprays of graceful, heart-shaped flowers are always attractive. A most satisfactory plant for the hardy border, especially when it can be planted in the shade. 50c. each; doz. $5.00.

Dicentra eximia

★Dianthus • Pinks

These brilliantly colored flowers appear in great numbers on the plant and have a rich clove scent. They are much used for table bowls, as a cut-flower. For edging hardy borders, garden walks, or planted in rock-gardens, they fill an important place. They are at their height of bloom in June.

Cæsius. Cheddar Pink. (*True.*) Compact cushions of blue-gray foliage with sweetly scented rose-pink flowers during May and June. 35c. each; doz. $3.50.

Deltoides. Maiden Pink. A continuous-blooming variety with pink flowers. Especially suited for rockwork.

Deltoides albus. White flowers.

Latifolius atrococcineus fl.-pl. Ever-blooming Hybrid Sweet William. An excellent variety with double, brilliant crimson flowers. Blooms continuously during the entire season.

Sweet Wivelsfield. This new variety is a hybrid, being a cross between *Dianthus Allwoodi* and the Sweet William. It blooms continuously from May until frost, in a great variation of colors.

All Dianthus, except where noted, 25c. each; doz. $2.50; $4.50 for 25

Sweet Wivelsfield (Dianthus)

New Hardy Carnations

A beautiful strain resembling the indoor Carnation, flowering freely during the entire summer. Long stems, excellent for cutting.

Beatrix. Light salmon-pink. May–Nov.
Giant Pink. Delicate pink.
Grenadin-Red. Bright red.
Grenadin-White. Pure white.
Prince Bismarck. Deep rosy pink.

All New Hardy Carnations, 25c. each; doz. $2.50; $4.50 for 25

Dictamnus • Gas Plant

Fraxinella caucasica. A showy border plant with spikes of pink flowers. Fragrant foliage.

Fraxinella rubra. A very showy border perennial, forming a bush about 2½ feet high, having fragrant foliage and spikes of rosy pink flowers with deeper veins, during July and August.

Fraxinella alba. The white-flowered variety of the above.

All Dictamnus, 35c. each; doz. $3.50

Shasta Daisies, Chiffon

New Double Daisy, White Swan

Here is a Daisy that will compare with the double pyrethrums. It produces solid, double, pure white flowers on wiry stems 1½ to 2 feet long. It is not unusual for one plant to produce from 15 to 20 flowers during late May and early June. The flowers are uniform, of good size, and excellent for cutting. Perfectly hardy. 50c. each; doz. $5.00.

Two New Shasta Daisies

Chiffon. A daintily frilled Shasta which grows about 1½ feet high. Its flowers are formed by a double row of narrow petals, frilled and flared at the edges. The center is clear yellow and the flower is about 3 inches in diameter. Its general effect in the garden and in a vase is one of light airiness and pleasing daintiness. 50c. each.

Esther Read. A new, double, snow-white Shasta Daisy. Grows 15 to 18 inches tall and blooms freely throughout the summer. Flowers are about 4 inches across and full double from the center out. A lovely semi-dwarf border plant and is also excellent for cutting. A very desirable and worth-while novelty. $1.00 each.

Shasta Daisy (Alaska). A decided improvement on the original, with blooms 4½ to 5 inches across, of pure glistening white. Very free flowering and in bloom all summer and fall.

★**Arcticum.** Arctic Daisy. One of the most attractive fall-flowering perennials. It forms a rosette-like clump of pretty dark green foliage during the summer, and early in the fall sends up multitudes of large, pure white flowers, which continue throughout October and frequently into November.

Coreanum. Korean Chrysanthemum. A remarkable new perennial from Korea, of ironclad hardiness. Large white flowers, with golden centers, often turning to a light pink in frosty weather. In bloom from October to December.

Etoile d'Or. Another of the large-flowering English type, producing the largest and best flowers of any from June to September.

All above Chrysanthemums, except where noted, 30c. each; doz. $3.00; $5.50 for 25

VARIETIES MARKED ★ ARE SUITABLE FOR ROCK-GARDENS

Michell's Modern Hybrid Delphiniums

In every garden of distinction you will find a generous use of Modern Delphiniums. No garden is complete without them. Theirs is an incredible beauty, at home in the small back-yard garden as well as in the more pretentious formal herbaceous plantings.

They are majestic in the towering splendor of their perfect spikes, in their range of exquisite blues, purples, and mauves, and all the subtle nuances relating these shades.

The plants we offer are carefully selected seedlings of the English Prize-winning Strains checked as to type, while in bloom. At the leading shows last year these same plants were the outstanding sensation, and we are truly proud to serve our discriminating clientele with these New Modern Delphiniums.

Order Early. Delphiniums start their growth before the last snow has melted. Early plantings will make the strongest blooms.

The plants of these wonderful Hybrids are shipped balled and burlapped, therefore arriving at your home in a condition for uninterrupted growth. The other varieties are shipped out of pots with a full ball of earth.

Make your garden a triumphant thing of beauty this year with Michell's New Modern Delphiniums.

Delphiniums, White Hybrid

Our White Hybrid Delphiniums are comparable to the blue shades in growth of plants, size of the individual florets, and length of the flower-spike. Some of the flowers have black bees, some brown, and others are pure white. The white hybrids look well planted among their blue relatives. **50c. each; doz. $5.00.**

Named Varieties of Michell's New Modern Delphiniums

Advancement. Strikingly beautiful color—rich mauve. $3.00 each.

Blue Queen. Single. Azure-blue, with blackish brown center.

Clive Greaves. Rich porcelain-blue flowers of good form.

Constance. A lovely blue single, with white eye.

Countess Cowley. Light blue and mauve, with black eye; semi-double flowers of wonderfully fine form.

Edward Bromet. The purplish blue ground is rich and the white eye extremely large. 5 ft.

Glory. Mauve, shaded rose. 4 ft.

Great Strides. Pale blue, shaded mauve, with a white eye.

Happy Thought. Medium blue, shaded pansy-violet. 5 ft.

Mrs. A. J. Watson. Deep mauve shade with black center.

Delphinium, White Hybrid

New Modern Delphiniums, continued

Mrs. Norman Holden. Large, semi-double flowers of mauve and blue with large black eye. An excellent variety. 5 ft.

Mrs. Shirley. Lovely lilac-mauve, white and sulphur eye.

Mrs. Townley Parker. Sky-blue, single, with white eye.

Norah Phillips. A gorgeous effect of deep blue and purple florets on a tapering 6-foot spike.

R. A. Pilkington. Rich violet, edged dark blue, with brown eye. Spike well formed. 5 ft.

The Bishop. Bright royal blue, white center. 5 ft.

The Shah. A deep rosy lavender self with dark eye. 5 ft.

Watkin Samuels. Rich blue and mauve. $3.00 each.

All named varieties of Michell's New Modern Delphiniums, except where noted, $1.50 each

Michell's New Delphiniums in Color Groups

A welcome innovation is the following offer of the Hollyhock Delphiniums released in four separate color groups. These plants are grown from the identical strain which comprise our well-known Named Delphiniums. The plants are all heavy, field-grown material, and are also shipped balled and burlapped. For exhibition material, our Delphiniums are unsurpassed. Offered in the following color groups:

Light Shades, Mauve Shades, Intermediate Shades, Dark Shades, or **Mixed,** $1.25 each; doz. $13.50.

Standard Varieties of Hardy Delphiniums

Belladonna. The clear turquoise-blue of its flowers is not equaled for delicacy and beauty by any other flower.

Bellamosum. A dark blue form of Belladonna, with which it is identical excepting in color, which is a rich deep blue.

Chinense. A very pretty dwarf species, with fine feathery foliage and intense gentian-blue flowers in open panicles.

Chinense album. Pure white form of the above.

All Standard Hardy Delphiniums, 25c. each; doz. $2.50; $4.50 for 25

Michell's Gold Medal Hybrids, Mixed. The plants are of strong, vigorous habit, with large flowers on spikes 2 feet long and over, the majority running in the lighter shades of blue. We can supply them in mixture only. 30c. each; doz. $3.00; $5.50 for 25.

Perpetual Hybrids. See color plate opposite page 105.

Digitalis, Giant Shirley

Digitalis · Foxglove

The Foxgloves, old-fashioned, dignified, and stately, are wholesome company in any garden. The strong flower-stalks, frequently from 4 to 6 feet high, rising from a luxuriant mass of leaves, always give an appearance of strength to the hardy border, and during their period of flowering dominate the whole garden.

Ambigua (grandiflora). Showy pale yellow flowers, veined brown. 2 to 3 ft.

Giant Shirley, Mixed. These are a genuine Shirley production of extraordinary size and vigor. The flower-heads are over 3 feet long, crowded with large, bell-shaped blossoms, ranging in color from white and shell-pink to deepest rose, many attractively dotted with crimson and chocolate. We offer these in mixed colors only.

Purpurea gloxiniæflora. Separate colors: **White** **Pink** **Purple**

All Digitalis, 30c. each; doz. $3.00; $5.50 for 25

Doronicum · Leopards-Bane

Excelsum. A very showy, daisy-like flower of clear bright yellow, excellent for cutting. Blooms in April and May. 30c. each; doz. $3.00; $5.50 for 25.

★Erodium

Chamædryoides roseum. A tiny alpine plant in flower throughout the season. Forms tufts of pretty glossy leaves covered with delicate pink, veined flowers on 2-inch stems. Plant in full sun. 50c. each; doz. $5.00.

Eryngium · Sea Holly

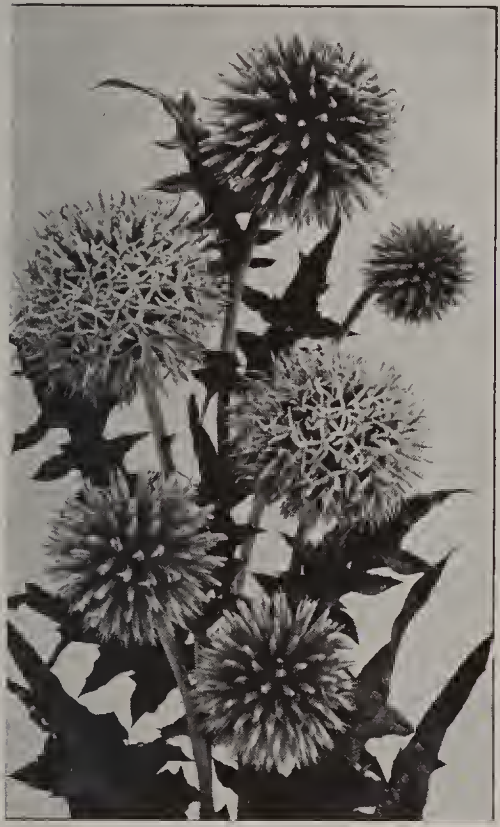
Handsome ornamental plants, growing from 2 to 3 feet high. Effective in flower and shrubbery border, woodlands, wild gardens, etc. The flower-heads, which are produced from July to September, are useful to cut for vases or to dry for winter bouquets.

Amethystinum. The finely cut, spiny foliage, and the beautiful thistle-like heads are of glistening amethystine-blue.

Planum. Steel-blue.

All Eryngiums, 30c. each; doz. $3.00

VARIETIES MARKED ★ ARE SUITABLE FOR ROCK-GARDENS


Echinops Ritro

Echinops · Globe Thistle

Ritro. Deep metallic-blue flowers. 3 ft. 25c. each; doz. $2.50.

Eupatorium

Ageratoides. Thoroughwort. A useful border plant, 3 feet high, with minute white flowers in dense heads. Fine for cutting. Aug., Sept.

Cœlestinum. A pretty hardy plant with light blue flowers similar to ageratum. This is a particularly fine thing in hardy perennials. Excellent cut-flower. 1½ to 2 ft.

All Eupatoriums, 25c. each; doz. $2.50; $4.50 for 25

Euphorbia · Spurge

Corolla. Flowering Spurge. A very showy and desirable native plant, growing about 1½ feet high and bearing, from June to August, umbels of pure white flowers having small green eyes. Desirable for cutting.

Polychroma. An elegant border plant and very attractive when covered with masses of yellow flower-like bracts in May.

All Euphorbias, 25c. each; doz. $2.50; $4.50 for 25

Funkia (Hosta)

Plantain Lily; Day-Lily

Japanese perennials producing attractive clumps of foliage and interesting lily-like blossoms. A continuous row along a walk gives a strong and pleasing character. Delight in moist, shady situations.

Cœrulea. Blue flowers. Broad green leaves. 4 ft. June.

Subcordata grandiflora. Very large, pure white, lily-shaped, fragrant flowers. 2½ to 3 ft. Aug., Sept.

Undulata media picta. Green and white varied foliage. Purple flowers. Makes a fine edging. 2 ft. July.

All Funkias, 30c. each; doz. $3.00; $5.50 for 25

Hardy Ferns

Nothing in the world produces such a permanent and satisfactory effect as Ferns. The graceful plants grow on an average from 1 to 2 feet high, according to the variety, and the clumps increase in size and beauty each year. They die down in the winter and break forth again in May.

ADIANTUM pedatum. Maidenhair Fern. 1 ft.

ASPIDIUM acrostichoides. Christmas Fern. 1 ft.
Goldianum. Shield Fern. 2 to 3 ft.
Spinulosum. Spinulose Wood Fern. 12 to 15 in.

ASPLENIUM Filix-femina. Lady Fern. 12 to 15 in.

CYSTOPTERIS bulbifera. Bulblet Bladder-Fern. 2 ft.

DICKSONIA punctilobula. Gossamer Fern. 1½ ft.

ONOCLEA struthiopteris. Ostrich Fern. 2 to 3 ft.
Sensibilis. Sensitive Fern. 1 ft.

OSMUNDA cinnamomea. Cinnamon Fern. 2 ft.
Claytoniana. 2 ft.
Regalis. Royal or Flowering Fern. 2 to 3 ft.

WOODSIA ilvensis. Excellent for rockwork, requiring little soil and thriving best in the sunniest corner. 6 in.

All Ferns, large plants, 30c. each; doz. $3.00; $5.50 for 25

Gaillardia grandiflora

Genista

The Brooms have never been given their rightful place in the rock-garden. In offering these two varieties we are sharing the complete pleasure which they have given us for a number of years.

Hispanica, Golden Dawn. This variety is a gem for the garden, producing effulgent masses of bright golden yellow flowers during May. Sun and a reasonably good loam are their simple requirements. Perfectly hardy. 75c. each; doz. $7.50.

Prostrata. A spring shrublet which hugs the ground discreetly. In late May and June it becomes the envy of all eyes, its masses of yellow, pea-shaped flowers illuminating the garden. Perfectly hardy. 75c. each; doz. $7.50.

Gaillardia · Blanket Flower

The beautiful flowers, borne in profusion, make a striking effect. They last a long while as a cut-flower, and are abundant from June until frost. 2 ft.

Grandiflora. Dark brown center, surrounded with a rich orange disc; petals on outer edges yellow. See color illustration opposite page 89.

Grandiflora, Portola Hybrids. Immense flowers ranging through shades of bronzy red, with golden tipped petals.

Magnificent. A superior type of Gaillardia, producing very large flowers on long stems, excellent for cutting. The color is a bright golden yellow with a well-defined mahogany zone; broad petals.

All above Gaillardias 25c. each; doz. $2.50; $4.50 for 25

Two Outstanding New Gaillardias

Ruby. This is a brilliant red with no trace of yellow or brown in its make-up. Blooming all summer, as do few other perennials, the vivid flowers make a continuous showing and furnish abundant cut-flowers as well. The plants we offer are all grown from cuttings, which insures true color in every flower.

Mr. Sherbrook. This English variety is the brightest of any yellow Gaillardia we have yet seen. The full, circular flowers are of rich golden yellow with a pale yellow center, unstained by any other color. The large flowers, supported by stout stems above the pale green foliage, continue from early summer until late in the fall. In common with every *Gaillardia grandiflora*, it is so unmindful of the hardships of heat, dryness, and poor soil that it is hard to imagine anyone having difficulty with it as long as it receives its share of sunlight.

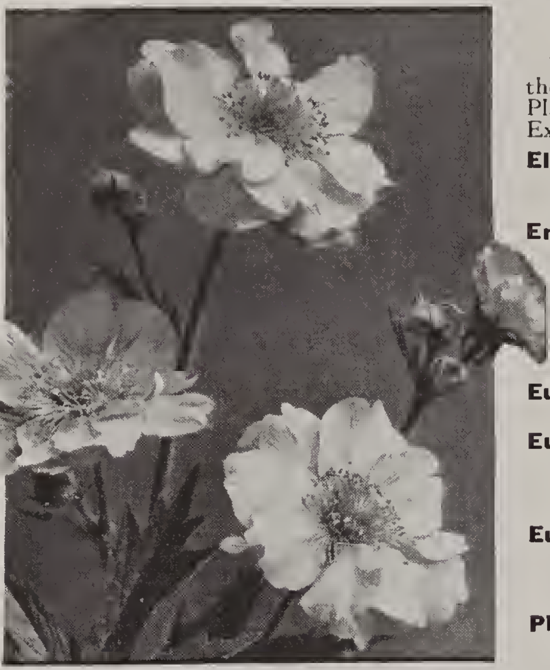
Either of the above, 50c. each; doz. $5.00

Gentiana

Acaulis. Stemless Gentian. Very large, bell-shaped, rich blue flowers, marked on the inside with yellow, rising 2 to 4 inches high from rosettes of glossy, deep green leaves in May and June. Fine for the rock-garden or border in half shade, in good moist soil. $1.00 each.

Andrewsi. Blue Gentian. Our native species. Flowers beautiful deep blue. Grows about 2½ feet high and requires rich, moist soil. Aug., Sept. 30c. each; doz. $3.00.

Eupatorium ageratoides



Geum, Princess Juliana

★Geum · Avens

Well-known plants noted for their rich coloring and freedom of flowering. Useful for cutting and the rockery or border. May–July.

Coccineum, Mrs. Bradshaw. Twice the size of the old double scarlet with huge, frilled petals, giving a full, double appearance. 6 to 10 in.

Lady Stratheden. Large, double, rich golden yellow flowers.

Either of the above, 30c. each; doz. $3.00

Three New Geums

Borisi. One of the finest of the Geums. Forms neat foliage tufts with many branched stems 8 to 12 inches high, covered with large, vivid orange-scarlet flowers from May to October. 50c. each; doz. $5.00.

Fire Opal. Dazzling rich scarlet flowers with orange sheen, often measuring 3 inches in diameter. Very free flowering. A striking Geum. May–Oct. 75c. each; doz. $7.50.

Princess Juliana. An excellent new hybrid with large, double, pure orange flowers on stout stems. Exceedingly free flowering. Early June–Oct. 75c. each; doz. $7.50.

Globularia

Nudicaule. Globular heads of small, deep blue florets. A neat plant for the border.

★**Trichosantha.** Globe Daisy. A dwarf, tufted little plant with beautiful lavender flower-heads. Does well in front of a well-drained border and is a brilliant picture in the rock-garden.

Either of the above, 25c. each; doz. $2.50

Gynerium · Pampas Grass

Argenteum. The most effective of all the Ornamental Grasses. Its large, silvery plumes are produced on stems 8 to 10 feet high during the late summer and fall. This plant is well known to summer visitors to California, where it is one of the features in many gardens. It can be grown equally well here, and established plants can remain in the open ground if well protected. Extra-large plants of flowering size in 7-inch pots, $2.00 each.

Grasses, Hardy Ornamental

The generous, beautiful effect produced by the Hardy Grasses is hard to describe. Plantings must be seen to be appreciated. Excellent as individual specimens.

Elymus glaucus. Blue Lime Grass. A graceful-growing type with narrow, silvery blue foliage. Dwarf, compact grower. 3 ft.

Erianthus Ravennæ. Plume Grass; Hardy Pampas. Deep green, narrow foliage, growing about 10 feet high.

Eulalia gracillima univittata. Japan Rush. Graceful, narrow green foliage, with silvery rib growing 5 to 6 feet high.

Eulalia japonica. Like the variegated variety, except that it is entirely green.

Eulalia japonica variegata. An attractive variety with a variation of markings of white, green, sometimes light pink and yellow. 4 to 5 ft.

Eulalia japonica zebrina. Dark green foliage, crossmarked horizontally with golden yellow. One of the best of Hardy Grasses.

Phalaris arundinacea variegata. Variegated Ribbon Grass; Gardener's Garter. This sort is especially suited for edging taller varieties, as it grows somewhat dwarf. The foliage is rather broad, variegated white and green. 12 to 15 in.

Pennisetum japonicum. Hardy Fountain Grass. One of the most valuable Hardy Grasses, either for beds, mixed borders, or as individual specimens. 4 ft.

All Hardy Grasses, 35c. each; doz. $3.50

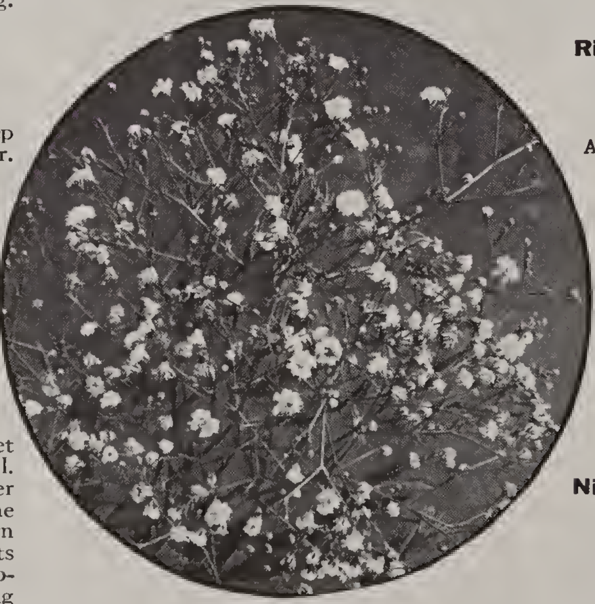
Gypsophila · Baby's Breath

During August and September this is a mass of delicate white flowers. These may be used as fresh cut-flowers, also for a semi-everlasting effect. They keep for months without water.

Bristol Fairy. A wonderful improvement over *G. paniculata fl.-pl.* It is a distinct new form, producing immense panicles of pure white, double flowers very early in the season and continuing until frost. We offer strong plants that will flower this season. See color illustration facing page 89. 50c. each; doz. $5.00.

Paniculata. Feathery sprays of white flowers. Useful for effects in bouquets.

★**Repens.** Beautiful trailing plant for the rockery, with clouds of small white and pink flowers during July and August.



Gypsophila, Rosy Veil

Helenium, Riverton Gem

Gypsophila, continued

Rosy Veil. Dwarf. A real pink, free-flowering, double Gypsophila. Flowers are about the same size as Bristol Fairy and bloom continuously until frost. 50c. each; doz. $5.00.

All Gypsophilas, except where noted, 30c. each; doz. $3.00; $5.50 for 25

Gypsophila Repens Bodgeri

A new, dwarf, double white Gypsophila, tinted pink, attaining a height of about 2 feet. It blooms at least two weeks earlier than any other double-flowering variety, which makes it particularly desirable, either for garden display or for cutting. 50c. each; doz. $5.00.

Helianthus · Hardy Sunflower

Very effective in borders, among shrubbery, or as clumps on the lawn, etc. They produce masses of flowers during summer, until frost, which are excellent for cutting and decorative purposes.

Maximilian. The latest of all, blooming profusely in October. The fine golden yellow flowers appear in long, graceful sprays. Excellent for cutting. 5 to 7 ft.

Multiflorus fl.-pl. Large, double, golden yellow flowers. July, Aug. 4 ft.

Orgyalis. A tall variety bearing single yellow flowers of medium size during September. 6 ft.

Rigidus japonicus. One of the most desirable varieties, beginning to bloom early in July and continuing until fall. Flowers golden yellow with dark center. 5 ft.

All Helianthus, 25c. each; doz. $2.50; $4.50 for 25

★Helianthemum

Rock- or Sun-Rose

Perry's Hybrids. Low-growing, evergreen plants, forming broad clumps which, during their flowering season, July to September, are hidden by a mass of bloom. Very suitable for the front of the border, the rockery, or a dry sunny bank. 30c. each; doz. $3.00.

Helleborus

Niger. Christmas Rose. Particularly valuable hardy plants on account of their very early flowering, usually coming into bloom in sheltered, well-drained, partially shaded positions during February or March. Flowers white, flushed with purple, about 2 inches in diameter. 1 ft. $1.00 each.

VARIETIES MARKED ★ ARE SUITABLE FOR ROCK-GARDENS

Helenium • Sneezewort

These desirable perennials succeed in almost any soil in a sunny location. The flowers are excellent for cutting.

Autumnale nanum luteum. Very erect, strong branching habit. Large, pure yellow flowers. 3 ft.

Autumnale rubrum. Bright terracotta red. 4 ft.

Autumnale superbum. Golden yellow flowers in late summer and fall. 5 to 6 ft.

Bruneum coccineum. Erect, branching habit. Flowers dark, bronzy, brownish red. One of the earliest to flower. 2½ ft.

Chippersfield Orange. Flowers in very large heads, with orange splashed flame, mahogany disc. Grows 4 feet high and is a worth-while addition to the fall-flowering family. 50c. each; doz. $5.00.

Gaillardiæflorum. Glowing, bronzy red petals with just a tip of golden yellow. 3 ft.

Golden Youth. Pure golden yellow. Early flowering. 2½ ft.

Riverton Beauty. Rich lemon-yellow, with large purplish black cone. 4 ft. Aug., Sept.

Riverton Gem. Old-gold, changing to wall-flower-red. 3½ ft. Aug., Sept.

All Heleniums, except where noted, 30c. each; doz. $3.00; $5.50 for 25

Heliopsis • Orange Sunflower

This genus is very similar to helianthus. They are tall-growing plants, well suited for the back of flower borders, where they flower beautifully throughout the summer.

Pitcheriana. One of the best hardy plants for the perennial border. Daisy-shaped flowers of deep orange color, on good stems for cutting. 2 to 3 ft.

Scabra excelsa. A variety with very rich chrome-yellow flowers, almost double, having from 4 to 5 rows of petals, and produced very profusely from mid-July to the end of August. The plant is of robust growth, about 3 feet high.

All Heliopsis, 25c. each; doz. $2.50; $4.50 for 25

Betscher's Hemerocallis

Helenium, Chippersfield Orange

Hemerocallis • Yellow Day-Lily

Lily-like plants, flowering in great profusion during the summer, making a fine cut bloom.

Dr. Regel. Handsome, rich orange-yellow flowers in May. Very fragrant and fine for cutting.

Flava. Yellow Day-Lily. Very fragrant, deep lemon-yellow flowers during June and July. 2½ to 3 ft.

Fulva. Tawny Day-Lily. Trumpet-shaped flowers of coppery orange, shaded crimson. June, July.

Fulva kwanso fl.-pl. (*Double*). Coppery red. July. 3 ft.

All the above Hemerocallis, 30c. each; doz. $3.00; $5.50 for 25

The New Hybrid Hemerocallis

Anna Betscher. Round, deep canary-yellow flowers. Dwarf and late.

Goldeni. The many fine deep orange flowers are produced freely in early July. Quite vigorous in growth and a most effective garden variety. 3 ft.

Gypsy. Brilliant deep orange flowers on 3-foot, slender stems during July. A showy plant for the small border.

H. D. Wyman. A strong-growing variety with deep orange flowers, produced on erect stems. Comes into flower the early part of July. Excellent for cutting.

J. A. Crawford. The flowers are of fine size and a brilliant combination of apricot and cadmium-yellow. They are borne on 4-foot stems the latter part of June and early July. One of the best.

Mrs. W. H. Wyman. Lovely, light yellow flowers on 4-foot stems in August. Very free flowering and lasting a long time.

Sunkist. A gorgeous flower of a beautiful shade of orange, on stems 3 feet high. A two-year-old plant will often produce from 6 to 10 stalks, each bearing from 10 to 15 flowers.

All New Hybrid Hemerocallis, 75c. each

Hibiscus • Mallow

Giant-flowering. A wonderfully improved form of our greatly admired Marsh Mallows. They are unusually attractive and form real show plants during their flowering season, attaining a height of 6 to 7 feet. Beautiful laciniated foliage and monstrous flowers, measuring from 6 to 8 inches in diameter. We offer these in separate colors: Pink, Red, and White. 30c. each; doz. $3.00.

★Heuchera

Alum-Root; Coral Bells

Brizoides. Of the same habit as Sanguinea but with pale pink flowers and more free flowering.

Cascade. Light pink flowers. Begonia-like foliage.

Edge Hall. Flesh-pink bells.

Rain of Fire. Graceful, rich crimson, bell-like flowers on charming, loose spikes, 1½ feet high. Fine for cutting. The outstanding Heuchera. 50c. each; doz. $5.00.

Sanguinea. Bright crimson flowers, borne in graceful sprays. Excellent for cutting.

All Heucheras, except where noted, 30c. each; doz. $3.00

Hieraceum

Villosum. Silvery, woolly leaves and bright yellow flowers. Very effective plant. 25c. each; doz. $2.50.

Hollyhocks, Double

These thrive best in soil that is not too wet and which should be enriched with well-rotted stable or sheep-manure. While perfectly hardy, we recommend protecting them slightly during the winter with leaves, long manure, or straw. To guard against fungus or rust, we recommend spraying the plants in early spring with Pyrox or Bordeaux Mixture.

Our strain of these is very fine, and we offer them in separate colors, double-flowering only: Yellow, Crimson, Pink, and White.

Allegheny, Mixed. Large flowers having loosely arranged, fringed petals, varying in color from pale pink to deep red. We can supply these in mixed colors only.

Single, Mixed. The artistic single Hollyhock is becoming more popular each season. They are of stronger growth than the double-flowering type and consequently make a better showing. We can supply these in mixed colors only.

All Hollyhocks, 25c. each; doz. $2.50; $4.50 for 25

Heuchera sanguinea

VARIETIES MARKED ★ ARE SUITABLE FOR ROCK-GARDENS

Everybody loves Iris and here are the best ones

Hypericum Moserianum

Border of Iris germanica

Hypericum · St. John's-Wort

Moserianum. A most desirable border plant of free and graceful habit, producing long, slender, much-branched stems, leafy to the base, and all drooping toward the ends, apparently from the weight of the flowers and buds, although the flowers face, so none of their beauty is lost. Free flowering. Large flowers, 2 to 2½ inches in diameter, rich golden yellow. 2 ft.

Patulum Henryi. One of the newer varieties of St. John's-Wort. Shrubby in habit, growing from 2 to 3 feet high, producing masses of large, clear yellow flowers during July and August and retaining its neat foliage until late in the autumn.

Patulum grandiflorum. A very vigorous-growing introduction from China, with large, broad-petaled bright yellow flowers.

All Hypericums, 30c. each; doz. $3.00

★Iberis · Hardy Candytuft

The Hardy Candytufts are low-growing plants, with evergreen foliage. In spring and early summer they are completely covered with dense heads of pure white flowers. For borders and rockeries they are unsurpassed.

Sempervirens. Dwarf. Pure white flowers in June. Its uniform neat habit makes it one of our best rock or edging plants. 30c each; doz. $3.00; $5.50 for 25.

Incarvillea · Trumpet Flower

Fleshy rooted perennials of striking beauty. They have coarsely toothed or pinnate leaves and showy trumpet-shaped flowers borne in terminal racemes. Choice plants for the sunny border. Should be well protected with leaves during the winter.

Delavayi. Large, gloxinia-like, rose-colored flowers during June and July. 35c. each; doz. $3.50.

Perennial Gardens

By H. S. ORTLOFF

Tells how and where to use perennials. Suggestions and valuable ideas for home plots of every size and situation.

88 pages. Price, $1.25.

Iris Germanica · Fleur de Lis

SUPERB NEW AND RARE VARIETIES

Asia. Standards pale silvery lavender, suffused yellow and gold at the base; falls pale reddish purple, lighter at the margin; beard bright golden yellow. 54 in. 50c. each.

Canopus. Standards light purple, arched; falls velvety prune-purple. Very free flowering. 36 in. 50c. each.

Gold Imperial. Chrome-yellow throughout, except for orange beard. 33 in. 50c. each.

Imperator. Standards clear violet; falls deep velvety rose-red. 40 in. 35c. each.

Moonlight. Warm French gray, tinted blue, touched with green and yellow lights; broad lemon-yellow beard; scented. 36 in. 50c. each.

Morning Splendor. An exceedingly large, deep claret-red of wonderful form and substance. 42 in. 50c. each.

Pioneer. Standards are large and incurved, bright red-purple; falls are very broad, of a deep, glowing red-purple, set off by bright orange beard. 42 in. 50c. each.

Prospero. Standards pale lavender, flushed with yellow; falls deep ruby-purple. 40 in. 35c. each.

Susan Bliss. Uniform shade of deep rose-pink. The flower is exquisitely shaped and of excellent substance, opening 3 or 4 at a time. 42 in. 35c. each.

Tropic Seas. A very deep blue-purple, illuminated conspicuously by a rich golden beard. 50 in. 50c. each.

True Charm. Blooms white, with margins delicately etched with blue-lavender. 40 in. 50c. each.

Wild Rose. An adorable pink, having a smooth, satiny texture. 30 in. 35c. each.

★Iris Pumila Hybrid

An early-flowering type, growing from 10 to 12 inches high.

Butterfly. Pale yellow, spotted brown. 8 in.

Cyanea. Rich royal purple. 10 in.

Dixmude. Large, uniform deep blue flowers. 10 in.

Floribunda. Creamy yellow. 10 in.

Florida. Very large; pale creamy yellow. 10 in.

Schneekuppe. Pure white. 8 in.

All Iris pumila hybrida, 25c. each; doz. $2.50; $4.50 for 25

Iris Germanica, Standard Varieties

Afterglow. Misty lavender, lighted with yellow at center. Its name fits it perfectly as it has the soft tints of the evening sky after the sun has disappeared. 36 in.

Alcazar. Standards light bluish violet; falls deep purple, bronze-veined at the throat. 36 in.

Ambassadeur. Overlapping standards dull purplish bronze; lovely flaring falls of deep velvety maroon; beard and styles yellow. 48 in.

B. Y. Morrison. Standards pale lavender-violet; falls velvety raisin-purple, with broad lavender border. Very distinct. 33 in.

Colonel Candelot. Standards bronze, overlaid with red-lavender; falls rich velvety crimson; yellow beard. 30 in.

Crusader. Standards light blue; falls deep violet-blue; orange-yellow beard. 42 in.

Dream. A clear, even pink. A delicate and beautiful Iris. 36 in.

Lent A. Williamson. Standards lavender-violet; falls velvety pansy-purple; brilliant orange beard. Massive flowers of wonderful texture. 48 in.

Lord of June. Standards lavender-blue; falls rich violet-blue; fine fragrance. 40 in.

Magnifica. Standards light violet-blue; falls dark reddish violet with brown stripes at base. 48 in.

Medrano. Rich rose-purple; falls encrusted with dark maroon, flecked with buff and lavender. 28 in.

Monsignor. Standards satiny violet; falls velvety purple-crimson, with lighter margin; very large flower. 30 in.

Mother of Pearl. Pale bluish lavender, of exceptional substance and texture. 48 in.

Nibelungen. Standards fawn-yellow; falls violet-purple with fawn margin. A handsome, large-flowering variety. 30 in.

Opera. Standards reddish lilac; falls purple-violet, dark and velvety. 30 in.

Pallida Dalmatica. Standards and falls clear lavender-blue, shading to pale silvery blue at the base; sweetly scented. 40 in.

Powhatan. Standards light bishop-violet with deeper border; falls deep purple, shaded crimson; horizontal spreading flower. 36 in.

Queen Caterina. A large iridescent pale lavender-violet with yellow beard. 36 in.

Seminole. Standards dark violet-rose; falls rich velvety crimson; brilliant orange beard. 24 in.

VARIETIES MARKED ★ ARE SUITABLE FOR ROCK-GARDENS

Have you enough Lavender? Ours is the true variety

Japanese Iris

Linum perenne

IRIS GERMANICA, continued

Shekinah. Soft lemon-yellow, deepening to rich yellow around its bright orange beard. 36 in.

Souv. de Mme. Gaudichau. A brilliant velvety black-purple. Free blooming. 40 in.

Taj Mahal. A very fine white having a smooth, lustrous texture. 36 in.

White Knight. A beautiful pure white Iris of fine form and delicately scented. 28 in.

Wyomissing. Standards creamy white, suffused soft rose; falls deep rose base, shading to flesh-colored border. 28 in.

All Standard German Iris, 25c. each; doz. $2.50; $4.50 for 25

Mixed German Iris. 15c. each; doz. $1.50; $10.00 per 100.

Iris Cristata · Crested Dwarf Iris

A tiny native species growing from 4 to 6 inches high, with delicate, pale lilac flowers in May and June.

Iris Intermedia

These bloom earlier than *Iris germanica.*

Florentina. Very early. Large, nearly pure white flowers; delightfully sweet scented. 30 in.

Hege. Standards creamy yellow, falls deeper, veined yellow. 20 in.

Kharput. Standards violet; falls deep purple-violet, very long; beard white; very large flower. 30 in.

Kochi. Standards and falls rich claret-purple. Early, compact, and handsome. 24 in.

Spectabilis. Violet-purple. Very free flowering.

Walhalla. Standards lavender-blue; falls rich violet-purple; immense flower. 30 in.

Iris Sibirica

Emperor. Rich violet-blue. 36 in.

Snow Queen. Pure white. 24 in.

Sibirica, Perry's Blue. A recent introduction with very large, clear blue flowers on long stems.

All Iris cristata, I. intermedia, and I. sibirica, 25c. each; doz. $2.50; $4.50 for 25

Iris Verna

A delightful companion to the chaste *Iris cristata.* The flowers are of a deeper hue and delightfully fragrant. An exquisite native for a shady spot. 35c. each; doz. $3.50.

Iris Kaempferi · Japanese Iris

The King of all Iris, and in popularity they can be classed with the hardy phlox and peonies. Coming into flower about the middle of June, they continue for five to six weeks and are particularly welcome at this time. They succeed in almost any soil and like plenty of water when forming their flower-buds.

Astarte. Double; beautiful dark violet.

Circe. Double; dark violet-blue, delicately veined with white.

Eumee. Single; deep violet-blue.

Gekka-no-Nami. The best early white. Very free. Pure glistening white with creamy center.

Gold Bound. A fine double pure white, enriched by a creamy glow from the gold-banded center.

Helene. Double; blue ground, slightly veined with dark blue.

Hercules. Double; clear lilac-blue.

Iphigenia. Double; deep Chinese lilac.

Kuma-Funjin (Excited Bear). Falls purple-blue; stigmas lighter; long orange bars. Six petals. Very tall grower.

Mahogany. Large, double flowers of purple-mahogany-red, the erect petals being prettily crested. The latest to bloom.

Melpomene. Double; soft blue, distinctly veined with dark blue.

Patrocle. Single; superb deep reddish violet.

Proserpine. Single; bright rich blue, produced by sanding of velvety blue on white.

Purple and Gold. Enormous, double flowers, 10 inches across, rich violet-purple, with white petaloids, tipped violet; the conspicuous golden throat extends outward in sharp bluish white rays. Early and free blooming.

Reine de Bulgarie. Soft lilac, lemon-yellow throat. Very good.

Ski-no-Rayo. Double; blue and white.

Templeton. Double; light violet, mottled reddish pink and white. Very fine form.

All above Iris Kaempferi, 35c. each; doz. $3.50

Mixed Japanese Iris. All colors and shades. 25c. each; doz. $2.50; $15.00 per 100.

The Iris
By WISTER
128 Pages Price, $1.25

Lavandula · Lavender

Vera. The true Sweet Lavender. Grows about 1½ feet high, with delightfully fragrant blue flowers in July and August. 30c. each; doz. $3.00.

Liatris · Blazing Star; Gay Feather

Pycnostachya. Showy, attractive native plants, succeeding anywhere, and producing spikes of light rosy purple flowers in July and August. 5 ft.

Scariosa. *Early Type.* Deep purple flowers. 3 to 4 ft.

Scariosa. *Late Type.* Similar to the above but flowers much later. Sept.

All Liatris, 25c. each; doz. $2.50; $4.50 for 25

Lily-of-the-Valley

Bundles or **Clumps.** *For outdoor planting only.* Bundles contain 12 good-sized pips with good root-growth, all of which will flower with the proper care. They are especially imported from abroad, the best of the stock being selected for us. 50c. per bundle; doz. bundles $5.00.

★Linum · Flax

Perenne. A desirable plant for the hardy border or rockery. Light, graceful foliage and large blue flowers all summer. 25c. each; doz. $2.50; $4.50 for 25.

★Lithospermum · Gromwell

Prostratum, Heavenly Blue. This delightful alpine shrublet produces mats of dark green foliage and many sky-blue flowers during spring and early summer, often again in the fall. Does best with a little afternoon shade. Use plenty of leaf-mould and sand. 75c. each; doz. $7.50.

Lobelia

Handsome border plants thriving in any good garden soil but preferring a moist loam where they will not suffer from drought.

Cardinalis. Cardinal Flower. Rich fiery cardinal flowers.

Syphilitica. Great Lobelia. A choice selection of our native Lobelia with large spikes of blue flowers. 2 to 3 ft. July–Sept.

All Lobelias, 30c. each ; doz. $3.00; $5.50 for 25

VARIETIES MARKED ★ ARE SUITABLE FOR ROCK-GARDENS

Lupins

Lupinus · Lupins

NEW ENGLISH HYBRIDS

Truly a wonderful innovation in Lupins. These New English Hybrids created the most flattering comment in England and were awarded gold medals at all exhibitions. We offer these in five distinct color groups, selected from named varieties:

Group A. Bronze, Apricot, Yellow, Orange.
Group B. Rose, Pink, Flesh, Buff.
Group C. Purple, Mahogany.
Group D. Blue, Lavender.
Group E. Cream, White.

All New English Hybrids, 50c. each; doz. $5.00

Polyphyllus. These flower in May and June and are 3 to 4 feet high. **Blue** (very showy), **White,** or **Pink.** 30c. each; doz. $3.00; $5.50 for 25.

Lychnis · Campion

All of the Lychnis are of easiest culture, thriving in any soil, and this, in addition to their brightness, has brought them into high favor with lovers of hardy plants.

Chalcedonica. A most desirable plant with heads of brilliant orange-scarlet flowers in June and July. 2 to 3 ft.

Haageana Hybrids, Mixed. Brilliant, large, orange, scarlet, pink, and crimson flowers in mixture. 1 ft. July.

Viscaria splendens fl.-pl. Forms a dense tuft of evergreen foliage, and in June sends up spikes of handsome deep red flowers. 1 ft.

All Lychnis, 30c. each; doz. $3.00; $5.50 for 25

Matricaria, Little Gem

Lysimachia · Loosestrife

Clethroides. A fine hardy variety about 2 feet high with dense, recurved spikes of white flowers from July to September.

★**Nummularia.** Creeping Jennie; Moneywort. Valuable for planting under trees or shrubs where grass will not grow. It quickly forms a dense carpet.

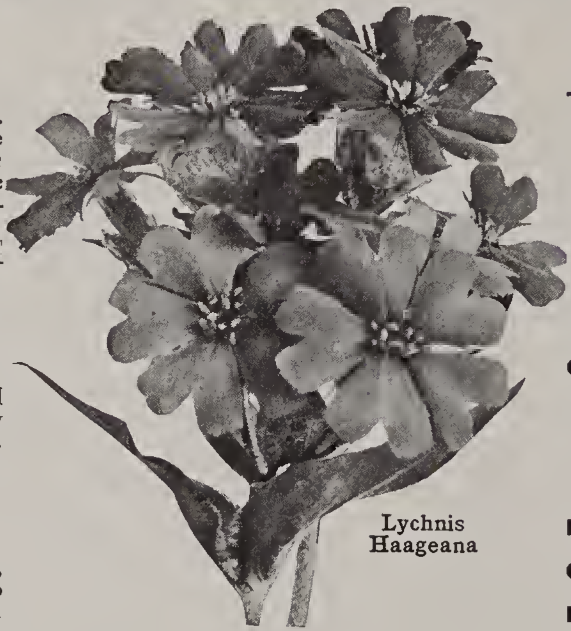
All Lysimachias, 25c. each; doz. $2.50; $4.50 for 25

Lythrum

Salicaria roseum superbum. Rose Loosestrife. A strong-growing plant, thriving in almost any position. Large spikes of rose-colored flowers from July to September. 3 to 4 ft. 25c. each; doz. $2.50; $4.50 for 25.

Matricaria · Feverfew

Little Gem. Pure white, double flowers, fine for cutting. 1 ft. July, Aug. 25c. each; doz. $2.50; $4.50 for 25.



Lychnis Haageana

★Mazus

Rugosus. Loose, trailing masses of blue and white flowers, speckled with gold in the throat. Fine for flagging and carpeting. 25c. each; doz. $2.50; $4.50 for 25.

Mertensia · Bluebells

Virginica. An early spring-flowering plant growing 1 to 1½ feet high, with drooping panicles of handsome light blue flowers fading to clear pink. May, June. 25c. each; doz. $2.50; $4.50 for 25.

Monarda · Bergamot

Didyma, Cambridge Scarlet. Oswego Tea. Crimson-scarlet.

Didyma rosea. Bee Balm. Rose-colored flowers and sweetly fragrant foliage. 1½ ft. July–Sept.

Either of above, 25c. each; doz, $2.50; $4.50 for 25

★Myosotis · Forget-Me-Not

Palustris semperflorens. Perpetual-flowering Forget-Me-Not. Blue with yellow throat. Damp places. Spread rapidly. These are most effective when intermingled with pansies, English daisies, or among summer-flowering perennials. 9 in. 25c. each.; doz. $2.50; $4.50 for 25.

★Nepeta

Mussini. An excellent plant for rock-gardens, being a compact grower and forming tufts of small violet-blue flowers during July and August.

Souv. d'Andre Chaudron. Large, rich lilac-blue flowers from June to September. 1 ft. Either

Either of above, 25c. each; doz. $2.50; $4.50 for 25

★Nierembergia · Cup-Flower

Rivularis. White-Cup. A lovely dwarf creeping plant with large, cup-shaped flowers from June until September. Excellent for the rockery. 30c. each; doz. $3.00.

Oenothera · Evening Primrose

The Evening Primroses are elegant subjects for growing in a sunny position, blooming the greater part of the summer.

Missouriensis. Large, golden yellow flowers. 1 ft.

Youngi. Bright yellow flowers. 1½ ft.

All Œnotheras, 30c. each; doz. $3.00; $5.50 for 25

Pachysandra

Terminalis. An evergreen, trailing plant with thick, glossy green foliage forming a dense mat. Small, grayish white flower-spikes. One of the finest ground-covers. 6 to 8 in. May, June. Strong plants from 2¼-inch pots, 15c. each; doz. $1.50; $10.00 per 100; per 1000, $90.00. From 3-inch pots, 25c. each; doz. $2.50; $15.00 per 100; per 1000, $125.00.

Pardanthus · Blackberry Lily

Chinensis. Bright orange, lily-like flowers during July and August, followed in September by seeds which resemble blackberries. 2½ ft. 25c. each; doz. $2.50.

Pentstemon · Beard-Tongue

Barbatus Torreyi. Spikes of brilliant scarlet flowers. 3 to 4 ft. June–Aug.

Coral Gem. Coral-pink flowers in large spikes.

Digitalis. Large spikes of long, white flowers with purple throats, during June and July. 2 to 3 ft.

Praecox Hybrids, Mixed. Somewhat similar to *P. barbatus Torreyi*, but with flowers about twice the size and in a great variety of colors, ranging from pale lilac to purple, and from very pale pink to almost red. A wonderful cut-flower.

All Pentstemons, 25c. each; doz. $2.50; $4.50 for 25

Pachysandra terminalis

VARIETIES MARKED ★ ARE SUITABLE FOR ROCK-GARDENS

Peonies,
Festiva Maxima

Michell's Giant-Flowering Peonies

These are the most popular June flowers, next to roses, and justly so, for they lend themselves to almost any style of planting, while for the little care required they give a variety of color and wealth of bloom unequaled by any other plant. Their requirements are few; they will succeed in any good garden soil in an open, sunny position. Care should be taken, however, to keep all fresh manure away from the roots—if barnyard manure is used it must be thoroughly decomposed; if you are unable to procure this, bonemeal makes a good fertilizer. Peonies may be planted any time after September 1 until the ground freezes in the autumn, and in the early spring until the season is too far advanced; the best time, however, is during September and October, as they make roots during the moist, cool weather of autumn and consequently carry through the winter in better shape. The roots should be set so that the top or upper eyes are about 2 or not more than 3 inches below the level of the soil; do not set the roots flat, but stand them up. For the best results, Peonies should be planted from 3 to 4 feet apart each way, according to the space at your disposal. The ground around them should be well cultivated at all times, and in the spring, after growth starts, they should have an abundance of water if the season is at all dry. When cutting the flowers, always leave one or two bottom leaves; it is best to leave a few flowers on the plant also, as it is of vital importance that sufficient foliage be left to develop the eyes under the ground for next season's growth. Newly planted roots may not develop a characteristic flower the first season; in fact, it is usually not until the third year that perfect flowers, true to description, will be produced. Peonies are seldom troubled with any disease or insect pests. Ants sometimes appear on the buds, coming to gather a sweet gum which the bud exudes while developing, but they will do no harm, disappearing when the flower opens.

Adolphe Rousseau. Double type. Early midseason. Very tall, strong grower with erect, stiff stems and large, perfectly formed, dark velvety red flowers with garnet hues and a distinct metallic reflex. 75c. each.

Albert Crousse. Bomb type. Late. Large, well-formed flowers of soft shell-pink with faint salmon tints. Vigorous grower with tall, erect stems. 50c. each.

Baroness Schroeder. Rose type. Late midseason. Flesh white, fading to milk-white. Immense, globular flowers of perfect form and very lasting substance, ideal for cutting. Does fine in southern localities. 75c. each.

Chestine Gowdy. Crown type. Late midseason. Broad, silvery pink outer petals that enclose a zone of fine, irregularly shaped deep rich cream petals, which in turn surround a prominent cone of broad pink petals, splashed and tipped crimson. 50c. each.

Couronne d'Or. Semi-rose type. Late. Immense, very full, imbricated, flat flowers, solidly and compactly built; pure white with a ring of yellow stamens around a tuft of center petals tipped carmine. 50c. each.

Edulis Superba. Decoration Day Peony. Crown type. Very early. Beautiful, bright, clear mauve-pink with silvery reflex. 50c. each.

Elwood Pleas. Rose type. Erect, compact grower of medium height. Color uniform soft violet-rose, delicately shading to lilac-white. Unusually large flowers of flat, compact form. 50c. each.

Eugene Verdier. Crown type. Late midseason. Beautiful, cup-shaped, flesh-pink flowers, with collar shaded yellow and salmon, and outer guard petals lilac-white; fragrant. Rather a dwarf grower, but very upright. While it blooms in late midseason, the buds always open well. 50c. each.

Felix Crousse. Rose type. Late midseason. Rich, dazzling ruby-red without a tinge of purple. None better. 50c. each.

Festiva Maxima. Rose type. Early. The finest white in existence. Blooms pure white with clear carmine spot on edge of center petal. 50c. each.

Germaine Bigot. Crown type. Midseason. Very large, compact, lilac-rose flower, composed of broad petals. Medium tall stems. Very free. 50c. each.

Karl Rosenfield. Semi-rose type. Midseason. Very large, globular compact flower of rich dark crimson. Extremely strong, tall, compact grower and free bloomer. 75c. each.

La Tendresse. Rose type. Midseason. Very full, large flowers borne in clusters. Milk-white, sometimes splashed with carmine. 50c. each.

Marie Jacquin. Semi-double type. Midseason. Large, globular flowers that come singly on young plants, and the laterals bloom about the same time as the terminal flowers. Glossy rose-white. Sometimes called the "Water Lily Peony" on account of the pleasing cupped form. 75c. each.

Mme. Emile Lemoine. Semi-rose type. Midseason. Large, globular, compact flower that on first opening is glossy white, overlaid with minute lilac dots. Very beautiful and one of the finest white varieties. 75c. each.

Mons. Jules Elie. Bomb type. Early midseason. Very large flower of ideal glossy shell-pink, shading to a deeper rose at the base, the entire flower overlaid with a sheen of silver; fragrant. Medium height; prolific bloomer. 75c. each.

Suzette. Semi-rose type. Midseason. Bengal-rose, lightly shaded carmine-purple, with silvery reflex. Strong stems. 75c. each.

Venus. Double type. Midseason. Exquisite pointed buds, opening into large, compact, very fragrant flowers of pale hydrangea-pink with lighter collar. 50c. each.

Peonies in Color

We can supply good strong roots in separate colors, or all colors mixed, at prices quoted below. These should not be compared to the cheap mixtures sometimes offered at a low price, as they are, for the most part, choice varieties from which the labels have been lost, or have been mixed in planting. Some very choice Peonies will be found in these mixtures.

	Each	Doz.	25
Double Pink	$0 35	$3 50	$6 50
Double Red	35	3 50	6 50
Double White	35	3 50	6 50

Beautiful, fragrant Phlox, backbone of the summer garden

Hardy Phlox, Tigress

Michell's Superb New Hardy Phlox

Columbia. Plant Patent No. 118. Greatest Phlox ever introduced. Its color suggests a rich cameo-pink with faint blue eye. The color effect created by a well-grown plant is exquisite and has never before been seen in a Phlox. Blooms do not fade or lose any of their rich pink tone as the flower ages; there never are any so-called purple tones visible. Out of the leaf-joints grow numerous laterals which continue the display of bloom long after the main flower-head has disappeared. A well-grown two-year plant will produce from 6 to 15 flower-spikes, each about 2½ feet high, stiff and erect. See color plate opposite page 89. 35c. each; doz. $3.00; $20.00 per 100.

Count Zeppelin. Very large white flowers with deep crimson eye. An improvement on Europa. A strong grower with no fading or suffusion of the colors. The best of the calico type.

Daily Sketch. Extra-large trusses and individual flowers of light salmon-pink, with very faint carmine eyes. An outstanding variety.

★**Gustave Lind.** A dwarf variety with sharp salmon-red blooms. A bright Phlox for the rock-garden. Free bloomer. 1½ to 2 ft.

Leo Schlageter. One of the very best red Phloxes. Strong, healthy grower, with well-branched, pyramidal clusters of large individual bright carmine-scarlet flowers, with slightly darker centers. Resistant to rain and heat.

Morgenrood. A very distinct variety, producing large clusters of bright rose flowers with a deeper eye. Strong grower. 2½ to 3 ft.

Tigress. The outstanding Phlox novelty. Vigorous, upright-growing, with immense trusses of brilliant orange-scarlet flowers. The huge pyramids of bloom are built up by long-branched laterals, giving an unusually long period of bloom. These enormous trusses of brilliant orange-scarlet have long been sought by Phlox enthusiasts.

P. D. Williams. Pyramidal trusses of enormous, soft apple-blossom-pink flowers, with darker centers. Grows compact and retains its color all through the summer and fall. 2½ ft.

William Kesselring. Very large individual flowers of a rather intense violet, with a distinct white eye. Medium height; excellent grower and free bloomer.

All New Hardy Phlox, except where noted, 50c. each; doz. $5.00

General List of Hardy Phlox

Antonin Mercie. Delicate lavender, suffused bluish lilac.

Baron von Dedem. Deep pink, suffused orange; immense trusses.

Beacon. Brilliant cherry-red flowers on straight, strong stems; an excellent variety and one of the best of its color; 36 inches.

B. Comte. Brilliant rich French purple.

Commander. Brilliant crimson-red with darker eye.

Deutschland. The brightest red Phlox ever introduced; a brilliant red with crimson eye.

Eclaireur. Brilliant rose-magenta, with lighter halo.

Enchantress. Bright salmon-pink; vigorous grower.

Firebrand. Bright vermilion-scarlet with deeper center; large trusses; strong grower.

Jules Sandeau. Dwarf; very large flowering; pure pink; extra-fine variety.

Mrs. William Jenkins. The best pure white.

Mrs. Milly van Hoboken. Enormous trusses of bright pink flowers; very showy and outstanding.

Painted Lady. Silver-pink with salmon shadings and cherry-red eye. A strong upright grower with large masses of flowers; one of the most delicately colored and pleasing of the hardy Phlox.

Rheinlander. Deep salmon-pink, with a distinct bright red eye.

Rijnstroom. A splendid new Phlox with gigantic flowers of a bright pink. Quite tall; continues in bloom till frost.

Thor. Deep salmon-pink, suffused with scarlet; a white halo surrounds the aniline-red eye.

All Hardy Phlox, except where noted, extra-strong roots which will flower the first season, 25c. each; doz. $2.50; $4.50 for 25.

★Phlox Subulata · Moss Pink

Alba. Moss-like evergreen foliage, tucking close to the ground and covered completely with star-like white flowers in May.

Apple Blossom. A real addition to the Subulata class. Dwarf, compact grower, covered with a profusion of apple-blossom-pink flowers.

Atropurpurea. Distinct form of Subulata. Rich French purple flowers. Very free flowering and outstanding.

Blue Hill. A uniform, compact grower, giving an early and a late fall crop of deep blue flowers.

Fairy. Pale blue, with dark purple eye. A neat, compact grower. Very desirable rock-plant.

Rosea. The same as above, but with pure pink flowers.

Vivid. A new introduction with bright rose-colored flowers.

All Phlox subulata, 25c. each; doz. $2.50; $4.50 for 25

Miscellaneous Varieties

★**Amœna.** A beautiful plant with soft rose-colored flowers. One of the best for rockeries or borders. April, May. 25c. each; doz. $2.50; $4.50 for 25.

Divaricata (canadensis). A patch of these makes a spring show hard to describe. The large heads of fragrant, lavender flowers appear the latter part of April and in May. 25c. each; doz. $2.50; $4.50 for 25.

Divaricata Laphami. A great improvement over Canadensis. The plant is more robust, the flowers larger, and of a more intense shade of lavender-blue. 50c. each; doz. $5.00.

Phlox, Early Flowering

Miss Lingard. Pure white, with a lilac eye. Very early. 25c. each; doz. $2.50; $4.50 for 25.

Rosalinda. Lovely soft amaranth-pink blooms borne with the greatest profusion from June until frost. An outstanding variety that should be in every garden and a good companion to the popular Miss Lingard. 35c. each; doz. $3.50.

VARIETIES MARKED ★ ARE SUITABLE FOR ROCK-GARDENS

Phlox subulata

Phlox divaricata

The new Iceland Poppies are daintily beautiful

Physalis • Chinese Lantern Plant

Francheti. An ornamental variety of the Winter Cherry, forming dense bushes about 2 feet high, producing freely its bright orange-scarlet, lantern-like fruits. Highly interesting. 25c. each; doz. $2.50; $4.50 for 25.

Physostegia • False Dragonhead

One of the most beautiful of our mid-summer flowering perennials, forming dense bushes 4 to 6 feet high, bearing spikes of delicate tubular flowers, not unlike a gigantic heather.

Grandiflora, Vivid. A new variety growing from 1½ to 2 feet high, bearing a profusion of bright violet-mauve flowers.

Virginica. Bright but soft pink.

Virginica alba. Pure white. Very fine.

All Physostegias, 25c. each; doz. $2.50; $4.50 for 25

Platycodon • Balloon Flower

The Platycodons are closely allied to the campanulas, and form neat, branched bushes of upright habit. Mrs. Ely says of them: "Do best if planted in early spring. They grow from 2 to 2½ feet high, and after the third season each plant will have from ten to twelve stalks covered with the lovely blue or white blossoms during July and August."

Grandiflorum. Deep blue, cupped, star-shaped flowers.

Grandiflorum album. A white-flowered form of the above.

All Platycodons, 25c. each; doz. $2.50; $4.50 for 25

See pages 93 to 98 for
Michell's Hardy Garden Roses

Physostegia

Oriental Poppies

Papaver orientale

These are the royal representatives of this popular genus, growing about 3 feet high and far surpassing in magnificence of bloom all the other types. See color illustration opposite page 89.

Bracteatum. Similar in habit to *P. orientale* with immense flowers of beautiful soft salmon-pink shades.

Mrs. Perry. Beautiful large flowers in a soft shade of salmon-rose. This variety should be in every garden.

Olympia. New double variety. Brilliant scarlet flowers overlaid with golden salmon—a most beautiful combination.

Perry's White. Pure satiny white with a bold crimson blotch at the base of each petal. 50c. each; doz. $5.00.

Wunderkind. An unusually healthy and vigorous Poppy with good foliage. The flowers are enormous, averaging about 8 inches across, and are of a brilliant carmine-pink. A real "wonder-child." 75c. each; doz. $7.50.

Wurtembergia. One of the finest rich orange-red varieties.

All Oriental Poppies, except where noted, 30c. each; doz. $2.75; $5.50 for 25

Iceland Poppies

Papaver nudicaule

The graceful foliage is surmounted with a mass of stems a foot high, which terminate in a beautiful cup-shaped flower.

Amurensis. Something new in Iceland Poppies. Its flowers are about 3 inches in diameter, clear bright yellow, with lighter centers. The foliage has a bluish cast. Grows 3 feet high. 35c. each; doz. $3.50.

Orange, Yellow, or **White.** Each color separate.

Sanford Giant, Mixed. Immense flowers on long, strong stems in a beautiful range of colors. Excellent for cutting.

All Iceland Poppies, except where noted, 25c. each; doz. $2.50; $4.50 for 25

★Plumbago • Leadwort

Larpentæ. One of the most desirable border and rock-plants. It is of dwarf, spreading habit, growing 6 to 8 inches high, covered with deep blue flowers during the summer and fall months. 30c. each; doz. $3.00; $5.50 for 25.

Iceland Poppies, Amurensis

Oriental Poppy

Platycodon grandiflorum

Plumbago

VARIETIES MARKED ★ ARE SUITABLE FOR ROCK-GARDENS

Primula veris

Double Pyrethrum

Pulmonaria angustifolia azurea

★Primula · Hardy Primrose

One of the first of the early spring flowers. They delight in a rich soil, preferably in a semi-shaded location. Some of the varieties are richly colored, and are worthy of a place in every hardy garden. As a hardy border edging, as well as for rockery planting, it can be highly recommended.

NEW PRIMULA, DOUBLE LAVENDER

A very free-flowering variety with beautiful double lavender flowers. 50c. each; doz. $5.00.

Auricula. Relatively rare plants which enjoy moist conditions and some shade. The leathery leaves are particularly attractive and the large, round flowers come in appealing shades of many colors, all of them marked with a distinctly clear contrasting eye.

Beesiana. This Asiatic species belongs to the Candelabra group, having several tiers of flowers on a single stem 2 feet high. Whorls of velvety purple flowers during late May, June, and July. They are strikingly effective in a bog-garden where they naturalize easily. 50c. each; doz. $5.00.

Japonica Hybrids, Mixed. A fine mixture of colors: rose, white, carmine with yellow center. Very fine for large plantings. 20 in. July, Aug.

Munstead Giants, Mixed. A magnificent strain of bunch Primroses, with flowers of large size in wonderful shades of yellow, from cream to rich orange, also white and charming "eyed" sorts.

- **Cœrulea.** Shades of blue.
- **Red Shades.** The above strain in a variety of red hues.
- **Yellow Shades.** Yellow varieties of the Munstead Strain.

Veris. English Cowslip. A mixture comprising the various shades of red and yellow. Excellent for the spring-blooming garden. See color plate opposite page 105.

Vulgaris. English Primrose. Trusses of beautiful light canary-yellow flowers on long stems.

All Primulas, except where noted, 30c. each; doz. $3.00; $5.50 for 25

Pulmonaria · Lungwort

Angustifolia azurea. Blue Cowslip. The prettiest of the blue Cowslips. Grows about 1 foot high and is one of the first to bloom in early spring. The attractive, funnel-shaped flowers are a deep gentian-blue. Very desirable. 35c. each; doz. $3.50.

Pyrethrum

Double Pyrethrums

A welcome addition to the hardy border. The flowers are freely produced on vigorous stems 2 feet high. Individual flowers are often 3 inches across, with full, rich contrasting centers. All Pyrethrums enjoy a rich loam with liberal dressings of rotted cow-manure.

Brilliant. A glowing and striking crimson of exquisite form and texture.

Florence Shadley. Large, soft old-rose flowers are produced freely over a long blooming period. Vigorous and hardy.

Miami Queen. This luscious deep pink variety has won instant recognition for its merits. It blooms with unstinting abundance during May and June, and often again in the fall.

All Double Pyrethrums, 75c. each; doz. $7.50

Pyrethrum Hybridum

Single-flowering, Mixed. A good old-fashioned perennial with flowers resembling colored daisies and blooming in June. Succeeds in any good garden soil in a sunny position and does best when left undisturbed for two or three years, but should be given an annual top-dressing of well-rotted manure. Comes in mixture only, ranging from pure white to dark red. 25c. each; doz. $2.50; $4.50 for 25.

Uliginosum. Giant Daisy. Grows 3 to 4 feet high and is covered with large, white, Daisy-like flowers, 3 inches in diameter, from July to September. 25c. each; doz. $2.50; $4.50 for 25.

Ranunculus

Crowfoot; Buttercup

★Acris fl.-pl. Tall Double Buttercup. A double-flowered form of our common Buttercup. 2 ft. May, June.

Repens fl.-pl. Creeping Double Buttercup. Pretty, double-flowering golden Buttercup. Masses of flowers during May and June.

All Ranunculus, 25c. each; doz. $2.50; $4.50 for 25

Rudbeckia, The King

Rudbeckia · Coneflower

Indispensable plants for the hardy border, growing and thriving anywhere, giving a wealth of bloom which is well suited for cutting.

Golden Glow. A strong, robust grower, attaining a height of 5 to 6 feet, and producing masses of double, golden yellow flowers resembling a Cactus dahlia, from July to September.

Newmani. Dark orange-yellow flowers, with deep purple cones. Good stiff stems 3 feet high. July–Sept.

Purpurea. Giant Purple Coneflower. Flowers about 4 inches across, of a peculiar reddish purple, with a remarkably large cone-shaped center of brown. The bushy plants are 3 feet high and bloom from July to October.

The King. A majestic improvement on *R. purpurea.* Clean, dark crimson flowers which keep their form until the orange cones are fully developed. A good cut-flower. 50c. each; doz. $5.00.

All Rudbeckias, except where noted, 25c. each; doz. $2.50; $4.50 for 25

VARIETIES MARKED ★ ARE SUITABLE FOR ROCK-GARDENS

Salvia • Sage

Perennials with strikingly beautiful, orchid-like blooms that make them welcome in the herbaceous border. Leaves are used in medicine and for the kitchen.

Azurea grandiflora. Rocky Mountain Sage. Sky-blue flowers in greatest profusion during August and September. 6 ft.

Nemorosa. An interesting plant for the hardy border. Flower-spikes bear many-flowered whorls of dark blue blossoms.

Pitcheri. Similar to Azurea but of more branching habit and larger flowers of rich gentian-blue. 3 to 4 ft.

All Salvias, 30c. each; doz. $3.00; $5.50 for 25

Santolina • Lavender-Cotton

★**Chamæcyparissus (incana).** A dwarf evergreen perennial with attractive, silvery white foliage. Suitable for the border or rockery. 25c. each; doz. $2.50; $4.50 for 25.

★Saponaria • Soapwort

Ocymoides splendens. A good subject for the border or rockery, producing freely masses of bright rose-pink flowers. 25c. each; doz. $2.50; $4.50 for 25.

Spiræa palmata

★Saxifraga • Saxifrage; Rockfoil

Very useful plants, growing about 1 foot high, having broad, deep green foliage and thriving in any soil in almost any position. The pretty rose-pink flowers appear very early in the spring, almost as soon as the frost is out of the ground.

Cordifolia. Rosy pink flowers. Extra-strong plants, 50c. each; doz. $5.00.

Scabiosa

The hardy variety is even more wonderful and of greater beauty than the annual sort, commonly called Mourning Bride. Its gigantic flowers frequently measure 3 inches and more in diameter. Delights in a sunny position, and is a cut-flower few perennials can equal. It lasts a long while in water. The average height is about 2½ feet. Very free flowering.

Caucasica. A delicate shade of lavender-blue, starting to flower in June and lasting well through the summer.

Caucasica alba. Like the above, except that the flowers are white.

Caucasica, Giant Blue. *Isaac House Strain.* An excellent improvement on the Caucasica type. Flowers larger and with longer stems, ranging from light lavender to dark blue. Excellent for cutting.

All Scabiosas, 30c. each; doz. $3.00; $5.50 for 25

Sedum • Stonecrop

★DWARF VARIETIES

Suitable for the rockery and covering of graves, etc.

Acre. Golden Moss. Green foliage and bright yellow flowers. Much used for covering graves.

Album. Dark green foliage. Pure white flowers in June.

Anglicum. A rosette of gray-green. Delicate pink flowers.

Ibericum. Numerous deep rose flowers among dark green foliage.

Lydium glaucum. Glaucous green foliage. Pink flowers.

Nevi. Compact rosettes of silver-gray, close-set into a mosaic. Pink flowers in midsummer.

Oppositifolium. Pinkish white flowers.

Sieboldi. Round, succulent, glaucous foliage. Bright pink flowers during August and September.

Stahli. A compact-growing variety with crimson-tinted foliage in autumn.

ERECT-GROWING VARIETIES

Useful and pretty plants for the border, producing their interesting flowers during the late summer and fall.

Spectabile. A pretty, erect-growing variety with broad, light green foliage, and immense heads of showy, rose-colored flowers during the autumn. 1½ ft.

Spectabile, Brilliant. A rich-colored form of the above, being a bright amaranth-red.

All Sedums, 30c. each; doz. $3.00; $5.50 for 25

Senecio • Groundsel

Pulcher. Forms a neat tuft of foliage from which springs up, from July to October, a succession of 2-foot-high stems, with clusters of brilliant, rosy purple flowers of good size. 30c. each; doz. $3.00.

Sidalcea

Rose Queen. Bright rose-colored, mallow-like flowers during June and July. 30c. each; doz. $3.00.

Solidago • Goldenrod

Golden Wings. The finest of the Goldenrods. Very showy plants, 5 feet high, with immense panicles of bright golden yellow flowers from July to September. 25c. each; doz. $2.50; $4.50 for 25.

Spiraea • Spirea

Elegant border plants with feathery plumes of flowers and neat, attractive foliage. Succeed best in a half-shaded location in rich, moist soil.

Filipendula. Dropwort. Numerous corymbs of white flowers on stems 15 inches high, during June and July. Pretty fern-like foliage.

Palmata. Crimson Meadowsweet. One of the most beautiful hardy plants. The deep purple-red of the stems and branches passes into the crimson-purple of the broad corymbs of flowers which are produced very freely during June and July. 3 ft.

Ulmaria fl.-pl. Meadowsweet. Double white flowers during July and August. 3 ft.

All Spiræas, 35c. each; doz. $3.50

Stachys • Woundwort

Grandiflora (rosea). Large purple-rose flowers. 15 in. June, July. 25c. each; doz. $2.50.

Salvia azurea

Scabiosa caucasica

Sedum acre

VARIETIES MARKED ★ ARE SUITABLE FOR ROCK-GARDENS

Teucrium Chamaedrys makes the finest of all low hedges

Sweet William

Stokesia cyanea

Tritoma Pfitzeri

★Statice Limonium

Sea-Lavender

Dumosa. Dense clusters of closely set, pure silver-gray flowers. Very good for cutting.

Gmelini. Glaucous blue leaves and dark purple, starry blooms from June to August. 2 ft. 35c. each; doz. $3.50.

Latifolia. Great Sea-Lavender. Handsome plants with heads of dark blue flowers that when dried last for months. Invaluable for cutting. 1 to 2 ft.

All Statice, except where noted, 25c. each; doz. $2.50; $4.50 for 25

Stokesia · Cornflower Aster

Cyanea. The very light blue flower has the appearance of combining a giant cornflower and an aster. Plants are 1½ feet high, of spreading habit, blooming from June until frost. Succeeds in most any location.

Cyanea alba. Pure white form of above.

All Stokesias, 25c. each; doz. $2.50; $4.50 for 25

Sweet William

Dianthus barbatus

This plant occupies a foremost position, producing, early in spring, quantities of bloom which make a grand effect, for they flower earlier than other perennials.

Micheli's Prize Mixture. All colors.

Pink Beauty. Sometimes called "Newport Pink." An excellent shade of salmon with immense flower trusses.

All Sweet Williams, 25c. each; doz. $2.50; $4.50 for 25

Teucrium · Germander

Chamædrys. An evergreen plant of dwarf, shrub-like habit with glossy, aromatic foliage. Spikes of purple flowers during July and August. 1 ft. 30c. each; doz. $3.00; $5.50 for 25.

Thalictrum · Meadow-Rue

Adiantifolium. A beautiful variety, with foliage like the maidenhair fern and miniature white flowers in June and July. 1½ to 2 ft.

Aquilegifolium. Graceful foliage like that of a columbine and rosy purple flowers from May to July. 2 to 3 ft.

Intermedium. Pale yellow flowers in July. 2 ft.

All Thalictrums, 30c. each; doz. $3.00; $5.50 for 25

Thermopsis

Caroliniana. A showy, tall-growing plant producing long spikes of yellow flowers during June and July. 3 ft. 30c. each; doz. $3.00.

★Thymus · Thyme

Serpyllum albus. White Mountain Thyme. Forms dense mats of dark green foliage, with clouds of white flowers during June and July. 3 to 4 in.

Serpyllum coccineum. Scarlet Thyme. Dark green foliage and bright red flowers.

Serpyllum lanuginosus. Woolly-leaved Thyme. Grayish foliage with rosy lilac flowers.

Serpyllum vulgaris aurea (citriodorus aureus). The golden-leaved, lemon-scented Thyme.

All Thymus, 30c. each; doz. $3.00; $5.50 for 25

Tradescantia · Spiderwort

Virginiana. Produces a succession of blue flowers all summer. 2 ft. 25c. each; doz. $2.50; $4.50 for 25.

Trillium

Wood Lily; Wake-Robin

Grandiflorum. The largest white Trillium, and probably the handsomest. Excellent plants for shady positions in the hardy border, or in a subaquatic position, flowering in early spring. 1 to 1½ ft. 15c. each; doz. $1.50; $2.75 for 25.

Tritoma

Red-Hot-Poker; Flame Flower; Torch Lily

Multicolor Hybrids, Mixed. New and distinctive colors. Valuable for cutting. Produces gorgeous mass effects from August to October. 35c. each; doz. $3.50.

Pfitzeri. Everblooming Flame Flower. The early, free, and continuous-blooming qualities of this variety have made it one of the great bedding plants, and when we consider that there are few flowering plants which are suitable for massing under our severe climatic conditions, it is little wonder that such an elegant subject should become so popular. In bloom from August to October, with spikes 3 to 4 feet high, and heads of bloom of a rich orange-scarlet, producing a grand effect either planted singly in the border or in masses. 30c. each; doz. $3.00; $5.50 for 25.

Tritoma, continued

Royal Standard. A distinct new variety with good-sized flower-heads. The flowers on the lower half of the spike are bright yellow, while those on the upper half are bright scarlet—a most effective and outstanding color combination. 50c. each; doz. $5.00.

Tower of Gold. *New.* A very distinct variety with beautiful, rich golden yellow and orange flowers in large trusses. Vigorous, free-flowering plants 4 to 5 feet high. 50c. each; doz. $5.00.

Trollius · Globe-Flower

Asiaticus, Salamander. Large, open, orange flower.

Earliest of All. Early and free flowering. Light orange-yellow.

Europæus. Desirable, free-flowering plants, producing their giant bright yellow, buttercup-like blossoms on stems 1 to 2 feet high from May until August.

Europæus Hybrids. A mixture of all the Europæus types with the various shades.

Golden Wave. A dwarf variety with deep yellow blooms. Very attractive.

Goldquelle. Large, globular flowers of a rich orange-yellow.

Ledebouri. Prolongs the blooming season with its bright orange-yellow flowers. 3 to 3½ ft.

Ledebouri, Golden Queen. *New.* A very showy variety, blooming in June and July and again in October. They stand more sun than Europæus. The rich golden yellow globes, with their prominent anthers, have a decorative grace. 2½ to 3 ft. 50c. each; doz. $5.00.

Meteor. Very large rich deep orange flowers.

Orange Prince. Large orange flowers during May and June. Wonderful for cutting.

All Trollius, except where noted, 35c. each; doz. $3.50; $6.50 for 25

★Tunica

Saxifraga. A pretty tufted plant with small pink flowers, in the greatest profusion during the entire summer. Ideal for the border or rockery. 25c. each; doz. $2.50; $4.50 for 25.

Saxifraga rosea fl.-pl. *New.* A pretty, double-flowering form of the above, in which the flowers are considerably larger than the type and of a deeper color. Perpetual flowering from June until late in the fall. 35c. each; doz. $3.50.

VARIETIES MARKED ★ ARE SUITABLE FOR ROCK-GARDENS

Viola, Jersey Gem, makes a continuous-blooming edging

Veronica, Blue Spire

Viola, Jersey Gem

Yucca filamentosa

Valeriana · Valerian

Coccinea. Showy heads of old-rose flowers from June to October.

Officinalis. Hardy Garden Heliotrope. Produces, during June and July, showy heads of rose-tinted white flowers, with heliotrope odor. 3 to 4 ft.

All Valerianas, 25c. each; doz. $2.50; $4.50 for 25

Veronica · Speedwell

A large and much-cultivated group of blue-flowered perennials that are great favorites in the hardy garden. The taller forms are very pretty border plants, while the more dwarf, spreading forms are well adapted to the rockery. Unexcelled for cutting purposes.

Amethystina. Amethyst-blue flowers on short spikes. 2 ft. May, June.

Blue Spire. A hybrid of *V. longifolia subsessilis* and *V. spicata* which has retained the glorious dark color of Subsessilis. Makes a bushy plant about 2 feet high. A real addition to the summer blues. 50c. each; doz. $5.00.

★**Incana.** Bright silvery foliage with spikes of amethyst-blue flowers during July and August. 1 ft.

Longifolia subsessilis. Japanese Speedwell. The handsomest blue-flowered plant we know, growing to a height of 2 feet and completely studded with its spikes of blue flowers; fine for cutting. Aug.–Oct.

★**Rupestris, Heavenly Blue.** Dwarf and spreading. Flowers very early, of an exquisite shade of blue.

★**Rupestris, True Blue.** Literally covers itself with blossoms of intense blue during June and July. 1 ft.

★**Saxatile.** Mounds of evergreen foliage about 5 inches high. Flowers slate-blue, in June.

★**Spicata.** Long spikes of bright blue flowers during June and July. An excellent border plant. 1½ ft. 30c. each; doz. $2.75. See color plate opposite page 105.

All Veronicas, except where noted, 30c. each; doz. $3.00; $5.50 for 25

★Vinca

Periwinkle; Trailing Myrtle

It is often a perplexing problem to find the plant that will do well in dense shade, but right there is where Vincas of the hardy class should be employed; also in lawn plantings under trees, in woodlands and on spots it is desired to cover where no grass will grow.

Vinca, continued

It is valuable for planting on cemetery lots by reason of its dwarf, creeping habit. The foliage is green all winter.

Alpina. This new Vinca is a deep, glowing, velvety claret. Although endowed with a vigorous constitution, the habit is refined, compact, and never becomes straggly. It is a prolific bloomer throughout the growing season, excellently adapted for sun or partial shade. Offered for the first time it takes its place as one of the most valuable of the better ground-covers. 35c. each; doz. $3.50.

★**Bowles Variety.** This new European form is more desirable in every respect than the common type. The foliage is broader and rich glossy green, of strong texture. Flowers are not only larger but of a deeper rich blue and are borne with remarkable profusion. 25c. each; doz. $2.50; $4.50 for 25.

Minor. Green foliage. Lavender flowers. Extra-strong plants, 20c. each; doz. $2.00; $3.50 for 25; per 100, $12.00.

Wallflowers · Cheiranthus

Cheiri, Mixed. The old, fragrant favorite. Good mixture of colors, including yellow, brown, etc. 30c. each; doz. $3.00; $5.50 for 25.

Viola Cornuta · Tufted Pansies

Newer Hybrids

JERSEY GEM. Without doubt the best bedding Viola yet introduced, being most suitable to our climatic conditions, and doing well in any good garden soil, but for best results should have full sunlight. Under such conditions it will flower continuously from April until heavy frost. The plant is of compact growth. Flowers pure violet, on stems about 6 inches long, making it valuable for cutting as well as a most attractive border plant. 25c. each; doz. $2.50; $4.50 for 25.

JERSEY JEWEL. A worthy companion to Jersey Gem, having the same perpetual flowering habit but with flowers twice as large. They are a true Pansy-violet color which in full sunshine is most effective. 50c. each; doz. $5.00.

MAGGIE MOTT. Large lavender flowers, heavy with fragrance. Maggie Mott brings a tradition of English gardens with her, worthy of the greatest expectations. Continuous blooming and dependable. 50c. each; doz. $5.00.

Improved Viola Cornuta

The improved forms of *Viola cornuta* are among the important bedding plants of Europe, and are rapidly growing in favor here.

Apricot Queen. Apricot-yellow, tinged with orange.

Arkwright Ruby. This new variety is of the large-flowered type. Beautiful bright rosy crimson blooms with terra-cotta shadings. An outstanding variety.

Blue Perfection. Deep purplish blue.

Lutea splendens. Rich golden yellow.

White Perfection. A fine white.

Yellow Queen. Another large-flowered type. Deep, pure yellow blooms. A robust grower and wonderfully free flowering.

All above Violas, 25c. each; doz. $2.50; $4.50 for 25

Viola Odorata · Sweet Violet

DOUBLE RUSSIAN. Perfectly hardy anywhere, producing double, sweet-scented flowers in abundance. An excellent subject for that troublesome shady place. 35c. each; doz. $3.50.

ROSINA. Exquisitely fragrant, rich rosy pink flowers entirely different from any other Viola we have ever seen. In spring a mass of pink flowers appears before the foliage, with a continuous sprinkle of flowers until frost. Does well in a sandy soil and in a semi-shady position. Grows 8 inches high. 35c. each; doz. $3.50.

WEDGWOOD. One of the newer bedding Violas, and one of the best, producing beautiful Wedgwood-blue flowers. A very free bloomer. 50c. each; doz. $5.00.

Yucca · Adam's Needle

This plant appears to best advantage if used as individual specimens, either on the lawn or in the shrubbery border. The slender, pointed foliage is of an evergreen nature. Tall flower-spikes rise 4 to 5 feet above the plant and are decked with cream-white, bell-shaped, drooping flowers during July and August.

Filamentosa. White, with reflexed flower bells. Extra-strong plants, 35c. each; doz. $3.50.

Filamentosa variegata. A beautifully variegated form of the above, having a central stripe of green with a border of golden yellow. 50c. each; doz. $5.00.

VARIETIES MARKED ★ ARE SUITABLE FOR ROCK-GARDENS

Try some of the larger-flowered Clematis. They're beautiful

GRAY HERBARIUM

Ampelopsis at Harvard Botanic Garden

Michell's Climbing Plants and Vines

Vines play an important part in the landscape of the home. They fill so many purposes there that we cannot recommend them too highly for general use.

AKEBIA quinata. Quick-growing vine with small, fine-lobed, half-evergreen leaves and purplish brown or chocolate-colored flowers which have a delicious odor. A highly desirable plant where dense shade is not desired. Extra-strong plants, 35c. each; doz. $3.50.

AMPELOPSIS quinquefolia. Virginia Creeper. The large, handsome, dark green leaves are deeply cut into five lobes and in the autumn turn a beautiful rich crimson. Especially adapted to covering stumps and trunks of trees. Extra-strong plants, 35c. each; doz. $3.50.

A. Veitchi. Boston Ivy. The popular climber for brick and stone buildings and walls. Leaves are a beautiful deep green which turns to a coppery red in autumn. Strong plants, 40c. each; doz. $4.00.

ARISTOLOCHIA Sipho. Dutchman's-Pipe. Quick-growing vines with handsome light green leaves that give a quick, dense shade. The brown flowers are shaped like the bowl of a pipe. Large plants, $1.50 each.

BIGNONIA grandiflora. Trumpet Vine. A strong-growing vine with rich green foliage and trumpet-shaped, dark red flowers with throats shaded orange. Free flowering. Strong plants, 75c. each.

CELASTRUS scandens. Bittersweet; Waxwort. Rapid-growing vine that in early summer produces yellow flowers, which by autumn have turned to bright, orange-colored fruits, with red markings. Extra-strong plants, 35c. each; doz. $3.50.

COBÆA scandens. An annual climber with beautiful, blue, cup-shaped flowers. Very desirable for lattice covering, etc. Extra-strong plants from 4-in. pots, 40c. each; doz. $4.00.

A Little Book of Climbing Plants
BY HOTTES
250 pages. Price, $2.00

Clematis

This family of climbing plants is probably more popular than any other. Some of the small-flowering varieties are exceedingly fragrant. The large-flowering types make a glorious effect on account of their gigantic blooms and striking appearance. All Clematis delight in an abundance of sunlight, rich soil, and plenty of water in dry weather. Great care should be exercised in planting the large-flowering varieties, for during the process the stem is likely to get broken below the eye-shoots, which would render the plant useless. To guard against this, place a few stakes around the plant to protect it after planting. In the winter put a covering of straw, long manure, or leaves around the roots.

OUTSTANDING VARIETIES

Montana rubra. Identical in every way with *C. montana undulata*, except that it is a pleasing shade of soft rosy red, a most desirable color. Strong plants, 75c. each.

Clematis Henryi

Montana undulata. Anemone Clematis. A strong, vigorous, perfectly hardy type that succeeds under the most adverse conditions. The anemone or windflower-like white flowers, flushed mauve, are from 1½ to 2 inches in diameter and frequently begin to open the last week in April, just when wisterias have finished flowering, continuing well throughout May. The best of the early spring-flowering climbers. Strong pot-plants, 75c. each.

STANDARD VARIETIES

Coccinea. Pretty, bell-shaped, coral-red flowers from early in June until late in fall. 75c. each.

Crispa. Sweet-scented, lavender flowers. 75c. each.

Henryi. Large, single, creamy white flowers, borne in great profusion. Extra-strong, pot-grown plants, 75c. each.

Jackmani. Intensely colored, gigantic, violet-purple flowers. Extra-strong, pot-grown plants, 75c. each.

Mme. Edouard Andre. Well-formed, gigantic velvety red flowers of great substance. Extra-strong, pot-grown plants, 75c. each.

Paniculata. Japanese Virgin's Bower. A strong, luxuriant grower with light green foliage. At the end of August innumerable star-like flowers cover the vine in a sheet of fragrant white. Strong plants, 30c. each; doz. $3.00; $20.00 per 100. Extra-strong plants, 50c. each; doz. $5.00.

Ramona. A beautiful shade of lavender-blue. 75c. each.

Here are splendid Vines for quick coverage

Euonymus radicans vegetus

Polygonum Auberti

EUONYMUS radicans. Self-clinging vine, suitable for covering walls, stumps, or rockeries, or wherever a vine of slow-growing habit is desired. Green foliage.

E. radicans variegatus. Like the above but leaves are variegated.

E. radicans vegetus. The foliage is larger than that of Radicans, and the plant produces an orange-colored berry which is retained the greater part of the winter.

All Euonymus, strong plants, 35c. each; doz. $3.50

HONEYSUCKLE. See Lonicera.

HOP-VINE (*Humulus japonicus*). A rapid grower, with dark green foliage. Bears a profusion of seed-pods suitable for many domestic purposes. Strong pot-plants, 25c. each; doz. $2.50.

IVY, ENGLISH (*Hedera Helix*). An invaluable plant for covering brick and stone walls and buildings. It rarely ever dies out and needs no attention. 2¼-in. pots, 15c. each; doz. $1.50; $10.00 per 100. 4-in. plants from pots, 50c. each; doz. $5.00; $40.00 per 100.

KUDZU VINE (*Pueraria Thunbergiana*). This vine grows a foot a day and makes a dense covering that is exceedingly attractive. Toward the end of summer it produces small, rosy purple flowers. 25c. each; doz. $2.50.

LATHYRUS. Hardy Pea. An excellent plant for training on pillars, columns, and similar places. It flowers during the greater part of the summer.

L. latifolius. Rich red.

L., Pink Beauty. Beautiful rose-pink.

L., White Pearl. Giant trusses of pure white flowers.

All Lathyrus, strong plants, 25c. each; doz. $2.50

Lonicera • Honeysuckle

This favorite requires very little comment or description, always yielding a wealth of fragrant bloom.

Japonica aureo-reticulata. Variegated Chinese Evergreen Honeysuckle. Foliage beautifully mottled yellow and green. Flowers white and yellow.

Japonica chinensis. Chinese Evergreen. Very fragrant, yellow and white variegated flowers the entire season.

Japonica Halliana. Hall's Honeysuckle. Flowers pure white, turning to yellow; hardy evergreen; flowers from June until frost.

Sempervirens magnifica. Blooms continuously from early June until late October, every branch bearing a terminal truss of from 15 to 20 long, tubular, orange-scarlet flowers. Strong plants, 50c. each; doz. $5.00.

Tellmanniana. Golden Giant Honeysuckle. A vigorous, hardy climber with extra-large, intense golden yellow flowers, having the tube lightly shaded bronzy scarlet on the outside. Blooms profusely during the month of June and is perfectly hardy. A really fine new climber. Strong plants, 50c. each.

All Honeysuckles, except where noted, strong plants, 35c. each; doz. $3.50; $25.00 per 100

LYCIUM barbatum. Matrimony Vine. Dense-growing climber, somewhat shrubby in nature. The small purple flowers are followed in late summer by a crop of red berries, which remain until late winter. 50c. each; doz. $5.00.

MOONFLOWER (*Ipomœa noctiflora*). An annual vine with large pure white flowers that open toward evening and in the forenoon, frequently measuring 6 inches in diameter. Extra-strong plants, 40c. each; doz. $4.00.

POLYGONUM Auberti. Chinese Fleece-vine. A useful vine for porches, lattice-work, fences, pergolas, and buildings. Perfectly hardy and a quick grower, a small plant making 25 to 30 feet of growth the first summer. Long clusters of snowy white flowers which turn rose-color with age. It will not cling to the wall, but will ramble over anything that will support it. Extra-strong, pot-grown plants, 50c. each; doz. $5.00.

WISTERIA. This blooms in the latitude of Philadelphia during May. A strong, well-developed vine produces hundreds of flower panicles, while no foliage is visible until after the flower is faded.

W. sinensis. Chinese Wisteria. Pale blue, somewhat fragrant blooms. Extra-strong plants, $1.00 each.

W. sinensis alba. Beautiful white-flowering form of the above. Extra-strong plants, $1.00 each.

Flowers of Hall's Honeysuckle

Wisteria sinensis alba

Michell's Hardy Decorative Flowering Shrubs

A planting of Shrubs, massed around the boundaries of a garden, forms a harmonious background against which the bright-colored peonies, poppies, irises, phlox, and other hardy perennial plants appear to their best advantage. Because of their easy culture, rapid growth, adaptability to almost any situation, and their great diversity in size, foliage, and bloom, the Shrubs are of first importance in creating landscape beauty. There are many suitable locations for planting Shrubs about the home grounds. The house foundation and the angles and corners should be softened by Shrubs of medium height. Spiræas, Hydrangeas, Berberis, Deutzias, and others of a like nature are suitable for this purpose.

Taller shrubs, such as Lilacs, Philadelphus, and Althæas, are better planted along the sides and at the back of the grounds. Here they can be used to give a frame to the property, block out undesirable views, and serve as a screen for any purpose desired. Such group plantings should be made in the nature of borders, and the Shrubs selected and arranged to give a continuance of bloom and pleasing foliage combinations, together with a fall and winter coloring of bark and berries.

In planting, space the larger-growing Shrubs, such as Lilacs, from 4 to 5 feet apart; medium-tall Shrubs, such as *Spiræa prunifolia*, 3 to 4 feet apart; and dwarf-growing sorts, such as Azaleas, Berberis, or *Deutzia gracilis*, 2 to 2½ feet apart. Dig holes of ample size, place the plant, and after filling in with two-thirds of the good top-soil, add water to the level of the ground and allow this to settle. After the water has been absorbed, complete the filling in of the soil.

In pruning, remember that all early-flowering Shrubs bloom on the last year's wood and should not be pruned until after they have bloomed (otherwise the blooms will be destroyed for that season), at which time the old worn-out wood and all weak growth should be cut away, allowing the vigorous young shoots to remain. The late-flowering Shrubs, such as Althæas, Hydrangeas, etc., bloom on the wood made this season. These should be pruned early in the spring, cutting them back severely to induce a vigorous new growth.

ABELIA grandiflora. Bush Arbutus. Small shrub of graceful habit, flowering continuously from July until frost. The blooms are small, tubular, white, shaded pink, and are borne in clusters, forming a pleasing contrast with the shiny, almost evergreen foliage. Strong plants, 50c. each.

ALTHÆA (Hibiscus). Rose of Sharon. These thrive almost anywhere, producing their bloom from July till September.

A. frutex albo-plena. Pure white; double.

A. frutex atropurpurea plena. Double; purple.

A., Lady Stanley. Semi-double; pale pink, splashed with carmine.

A., William R. Smith. Pure white, single flowers, opening out flat, in great profusion from early July until late September. Very showy and outstanding.

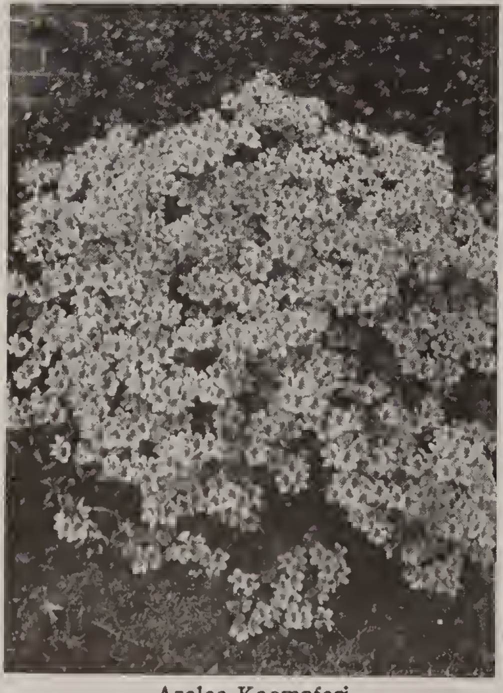
All Althæas, 2 to 3-ft. plants, 60c. each

AMYGDALUS glandulosa alba fl.-pl. Double White-flowering Almond. Erect, slender branches covered in May with small, very double, fragrant white flowers. Strong, 2 to 3-ft. plants, 75c. each.

A. glandulosa rosea fl.-pl. Identical with the above, but bearing pink flowers. Strong, 2 to 3-ft. plants, 75c. each.

ANDROMEDA (Pieris) japonica. Compact-growing shrub with dark green foliage. The bell-shaped, white flowers are produced in dense panicles in early spring. Strong plants, $1.50 each.

ARONIA arbutifolia. Red Chokeberry. A very desirable shrub on account of its wealth of very handsome red berries in the fall. Strong, 2 to 3-ft. plants, $1.00 each.


Azalea Kaempferi

Azaleas

A family of dwarf, bushy shrubs bearing a great profusion of flowers in the spring. Very useful for planting in the shady border or in groups by themselves. Succeeds best in a partially shaded position.

Amœna. An evergreen variety, literally covered with masses of rosy crimson flowers in late spring. Bushy plants, $1.50 each.

Amœna coccinea. A true sport of the well-known Amœna, with brilliant red flowers. Valuable Azalea where *A. Hinodegiri* is not hardy. Bushy plants, $1.50 each.

Hinamoyo. Similar to the well-known Hinodegiri in habit of growth but foliage is smaller and color is a delicate soft shade of rose-pink. Bushy plants, $1.50 each.

Hinodegiri. Another evergreen variety and one of the best, bearing fiery red, single flowers in great profusion. Very desirable on account of its color. Bushy plants, $1.50 each.

Kaempferi. Torch Azalea. A beautiful hardy shrub of erect habit with brick-red flowers. Strong plants, $2.00 each.

Kurume, Coral Bells. Not a very large flower, but produced very freely. Very dainty, semi-double, pleasing coral-pink blooms. Strong, bushy plants, $1.50 each.

Kurume, Flame. Brilliant red flowers in profusion. Glossy evergreen foliage. Bushy plants, $1.50 each.

Kurume, Pink Pearl. Beautiful salmon-rose blooms, shading lighter to the center. Large full trusses. Bushy plants, $1.50 each.

Kurume, Snow. Large, semi-double, pure white flowers, borne profusely in clusters. Strong, bushy plants, $1.50 each.

Ledifolia alba. Robust-growing variety with heavy mat-green foliage and large, pure white flowers. Bushy plants, $1.50 each.

Mollis, Mixed. A deciduous variety, dwarf and bushy. The large flowers are produced in clusters on the ends of the shoots in May. Mixed colors only, varying from pale yellow to the deeper orange and even scarlet. Strong plants, $2.50 each.

BERBERIS Julianæ. Wintergreen Barberry. Evergreen variety with deep green leaves. One of the best. Thrifty young plants, $1.00 each.

B. Thunbergi. Japanese Barberry. See page 125.

B. triacanthophora. Three-spine Barberry. One of the most graceful of the evergreen Barberries. Narrow leaves. Very hardy. Strong plants, $1.00 each.

B. verruculosa. Warty Barberry. Compact-growing variety with small, shiny leaves. A gem for the rock-garden. Thrifty young plants, $1.00 each.

BRIDAL WREATH. See *Spiræa prunifolia.*

CALLICARPA purpurea. Beauty-Berry. A beautiful shrub, growing about 3 feet high, covered in August with tiny pink-tinted flowers, followed in late September by violet-purple berries borne in clusters from the axil of every leaf and remaining until the middle of winter. Strong plants, 60c. each.

Calluna vulgaris (Heather)

BUDDLEIA, Ile de France. Butterfly Bush; Summer Lilac. This new Buddleia, a French introduction, will quickly replace the older varieties of this shrub which have been popular for so many years, it being superior not only in its brilliant coloring but also in its more uniform habit of growth. The plant attains a height of from 3 to 4 feet, forming a symmetrical, bushy shrub, every growth terminated by a graceful spike of very fragrant, brilliant rosy violet-purple flowers. Blooms from latter part of July until late September. Strong plants, 50c. each; doz. $5.00.

CALLUNA. Scotch Heather. Small evergreen shrubs growing from 1 to 2 feet high, with small, bell-shaped flowers in great profusion from July until September. Recommended for rock-gardens.

C. vulgaris. Midseason. Rosy pink flowers. Grows 12 to 15 inches high.

C. vulgaris alba. Early. White flowers. Grows 12 to 15 inches high.

C. vulgaris Alporti. Late. Flowers rosy purple. Grows 2 feet high.

C. vulgaris aurea. Midseason. Flowers pink. Foliage bright yellow-green, turning red. Grows 12 to 15 inches high.

C. vulgaris rubra. Early. Flowers rosy carmine. Low, spreading growth, 6 to 12 inches high.

All Callunas, bushy plants, 60c. each

CALYCANTHUS floridus. Sweet Shrub. Chocolate-colored, double flowers, with a peculiarly agreeable odor. Blooms in June. 2 to 3-ft. plants, 60c. each.

CERCIS canadensis. Judas-Tree; Redbud. A tall, slender-growing shrub, developing eventually into a large tree. Very early in the spring the leafless branches are covered with delicate deep pink flowers. 2 to 3-ft. plants, 75c. each.

CHIONANTHUS virginica. White Fringe. In May and June the tree is covered with long, fluffy panicles of fine white bloom. Strong plants, 75c. each.

CLETHRA alnifolia. Sweet Pepperbush. Shrub of low, dense growth with numerous spikes of small, white, fragrant flowers in July. Desirable for moist places or along water edges. 2 to 3-ft. plants, 60c. each.

CORNUS. Dogwood. This plant is so well known that it hardly needs description. The flowers appear before the foliage in May and in autumn it takes on a rich crimson shade.

C. alba argenteo-variegata (*C. alba elegantissima*). Variegated Dogwood. A beautifully variegated shrub which should be planted more freely. Strong, 2 to 3-ft. plants, 60c. each.

C. alba sibirica. Siberian Dogwood. Branches bright coral-red, making it quite ornamental for winter effects. Strong, 2 to 3-ft. plants, 60c. each.

C. florida. White-flowering Dogwood. Strong, 2 to 3-ft. plants, $1.00 each.

C. florida rubra. Pink-flowering Dogwood. 2 to 3-ft. plants, $2.00 each.

C. stolonifera flaviramea (*C. stolonifera lutea*). Golden-twigged Dogwood. Bright yellow branches in winter. Strong, 2 to 3-ft. plants, 60c. each.

COTONEASTER apiculata. Low-growing variety with large, bright red berries.

C. Francheti. Rockspray; Quinceberry. Upright, densely branched spreading shrub. Fruit orange-red.

C. horizontalis. Low-growing shrub with almost horizontal branches. Small, shiny green leaves and orange-red berries produced in profusion. One of the most effective evergreen plants for the rockery.

C. salicifolia floccosa. Willowleaf Cotoneaster. Large-growing shrub of graceful habit with bright red fruits extending well along the branches.

All Cotoneasters, strong, pot-grown plants, 75c. each

CRAB. See Malus.

CYTISUS Laburnum. Golden Chain. Large shrub with shining green leaves and long, drooping racemes of yellow flowers in early summer. $1.50 each.

DAPHNE Cneorum. Garland Flower. A pretty, dwarf, spreading shrub, 6 to 8 inches high. Valuable for the rockery or for the front of the border. Beautiful bright pink, sweet-scented flowers early in May. Strong plants, $1.00 each.

DOGWOOD. See Cornus.

Deutzia

Kolkwitzia amabilis

DEUTZIA. The Deutzias are among the most useful of our summer-flowering shrubs. For planting either individually or in masses, they are very attractive.

D. gracilis. White flowers. Dwarf, bushy habit. 1½ ft.

D. Lemoinei. One of the best dwarf hardy shrubs; the flowers are large and are produced in cone-shaped heads of pure white.

D. scabra candidissima fl.-pl. Abundant racemes of double, pure white flowers in June. Luxuriant foliage. Fine habit. 3-ft. plants.

D. scabra plena crenata rosea fl.-pl. Double white blooms, tinged pink. 3 ft.

D. scabra, Pride of Rochester. The flowers, borne in large panicles, are pinkish white, with underside of the petals rose. June.

All Deutzias, 60c. each

ERICA vagans. Cornish Heath. A charming, hardy plant that is a fine companion to the heathers, and bears pale lilac flowers. Strong, 1-yr. plants, 75c. each.

EUONYMUS alatus. Winged Euonymus. Small, delicate purplish flowers in late spring, followed by attractive red berries in the fall. Curious corky bark. Brilliant autumnal foliage. Best for individual planting. 1½ to 2-ft. plants, 75c. each.

EXOCHORDA grandiflora. Pearl-Bush. A medium-sized shrub, producing white flowers in graceful clusters early in the spring. Fine for cut-flowers. Strong, 1½ to 2-ft. plants, 50c. each.

FLOWERING ALMOND. See Amygdalus.

FLOWERING CRAB. See Malus.

FORSYTHIA. Golden Bells. Bright golden yellow, star-shaped flowers that burst into bloom just as winter is over and while the bush is otherwise bare.

F. intermedia. April. Vigorous grower with slender, erect, or arching branches. Considered by many as the best of the family.

F. spectabilis. Strong, tall-growing shrub with very large flowers completely covering the stems. Most profuse bloomer of all.

F. suspensa. Graceful, drooping tendency. Frequently planted on banks and slopes. Beautiful as specimens or in masses.

F. Fortunei. Erect-growing shrub with dark green foliage. Strong, 4-ft. plants.

All Forsythias, 60c. each

GOLDEN BELLS. See Forsythia.

GOLDEN CHAIN. See Cytisus.

HYDRANGEA arborescens grandiflora. Snowball Hydrangea. Snow-white blooms of the largest size, coming into flower in early June and lasting until late in August. More hardy than any other sort and especially suited for shaded places. 2 to 2½-ft. plants, 60c. each.

Hydrangea hortensis otaksa. This is the old-fashioned favorite Japanese variety that usually flowers pink, and is the ideal variety for planting extensively at the seashore. 4-in. pot-plants, 50c. each; doz. $5.00. 6-in. pot-plants, $1.00 each; doz. $10.00.

H. paniculata grandiflora. The large panicles of white flowers are at their best during August; later they take on a reddish cast. These plants look fine used as single specimens on the lawn or grouped in large beds. Strong, bush form, 2-ft. plants, 60c. each; extra-heavy, 3-ft. plants, $1.00 each.

H. paniculata grandiflora. *Standard or Tree-shaped.* These are fine planted as individual specimens on the lawn or in the center of beds of other plants. 2 to 2½-ft. stems with shapely heads, $1.00 each.

H. quercifolia. Oak-leaved Hydrangea. A handsome, spreading shrub with striking foliage, turning to a beautiful red in autumn. The white flowers are produced freely in August in flat clusters. Strong, 2 to 3-ft. plants, $1.00 each.

HONEYSUCKLE. See Lonicera.

ILEX aquifolium. English Holly. Strong plants, $2.50 each.

I. cornuta. Chinese Holly. A very handsome variety of Holly with large, spiny, dark green leaves and big scarlet berries. Strong plants, $1.00 each.

JAPAN QUINCE. See Pyrus.

JASMINUM nudiflorum. A fine shrub for sheltered positions, bearing fragrant yellow flowers very early in spring. Hardy south of Philadelphia. 50c. each.

JUDAS-TREE. See Cercis.

KALMIA latifolia. Mountain Laurel. Evergreen. Most effective in June when the clusters of pink flowers open. Nice clean foliage. Likes shade. Strong plants, $2.50 each.

KERRIA japonica fl.-pl. An old-fashioned shrub, producing attractive, double, golden yellow flowers from June until October. The branches, during winter, are a pleasing shade of green. 75c. each.

KOLKWITZIA amabilis. Beauty-Bush. A handsome new ornamental shrub from China, resembling the weigela and honeysuckle, to which it is allied. Grows 6 to 8 feet high at maturity, with long, arching branches covered with pale pink, bell-shaped flowers in June. One of the most outstanding shrubs. Strong, 1½ to 2-ft. plants, 60c. each.

LILAC. See Syringa.

Malus floribunda

LONICERA fragrantissima. Winter Honeysuckle. Delightfully fragrant white flowers that come with the first breath of spring, in March and April. 60c. each.

L. Morrowi. An open bush with irregular branches. The foliage is dark green and the small white flowers appear during May. During the late summer and early autumn the plant is covered with bright red berries. 3-ft. plants, 60c. each.

L. Ruprechtiana. A free-flowering variety with white flowers in May and June, followed by red fruit. 60c. each.

L. tatarica. Tatarian Honeysuckle. Large, rose-pink flowers in abundance, followed by attractive berries. A most adaptable shrub. 3-ft. plants, 60c. each.

MAHONIA aquifolium. Oregon Holly-Grape. An evergreen with shining green leaves turning to rich scarlet in the autumn. Yellow flowers in May, followed by blue-black fruit. Best in half shade. Grows 4 to 5 feet high. Strong plants, $1.50 each.

MALUS floribunda. Japanese Flowering Crab. One of the best of the Flowering Crabs. The buds are a warm rose-color, opening to light pink flowers—the whole forming a shapely bush or small tree. 3 to 4-ft. plants, $1.00 each.

M. ioensis plena. Bechtel's Double-flowering Crab. A shapely little tree producing quantities of very double, fragrant, soft pink flowers resembling a small rose in formation. 2 to 3-ft. plants, 60c. each.

M. Parkmani. Parkman's Flowering Crab. Rose-colored buds open into little rosy white flowers, succeeded by decorative fruits. The tree is of a rather spreading, irregular habit. 3-ft. plants, 75c. each.

MOCK-ORANGE. See Philadelphus.

NANDINA domestica. Chinese Bamboo. Handsome small shrub with graceful light green foliage turning bronzy red early in the fall. Small white flowers in spring, followed by crimson berries. Strong, 1½ to 2-ft. plants, $1.50 each.

OSMANTHUS aquifolium. Holly Osmanthus. Evergreen shrub with holly-like foliage and small, white, fragrant flowers. Strong plants, $1.50 each.

PRUNUS triloba. Double-flowering Plum. A shapely shrub of medium height, bearing, in early spring, semi-double, delicate pink flowers about 1 inch in diameter. Strong, 2 to 3-ft. plants, 75c. each.

PHILADELPHUS, Avalanche. One of the newer varieties and one of the best, growing from 6 to 8 feet in height, with slender, arching branches which are nearly covered with large, pure white flowers. Strong, 2 to 3-ft. plants, 60c. each.

P., Bouquet Blanc. Low, dense habit. Blooms very freely during May and June. Strong, 2 to 3-ft. plants, 60c. each.

P. coronarius. Mock-Orange. Handsome foliage and beautiful, fragrant white flowers in May and June. 2 to 3-ft. plants, 60c. each.

PYRACANTHA (Cratægus) coccinea Lalandi. Firethorn; Evergreen Thorn. There is no other fruiting evergreen shrub that is so attractive throughout the year as this fiery Thorn. The large trusses of white flowers are followed in summer by an abundance of brilliant orange-scarlet berries, which, remaining on the plants throughout the winter, produce a gorgeous effect. Strong, pot-grown plants, $1.00 each.

PYRUS japonica. Japan Quince. This shrub is a beautiful sight in early spring when covered with cherry-red flowers, about the size of an apple blossom. Extra-strong, 2-ft. plants, 60c. each.

REDBUD. See Cercis.

Hybrid Rhododendrons

The handsomest and most effective of the broad-leaved evergreens. They will succeed in any light or friable garden soil, but if a heavy clay soil must be used, incorporate a liberal amount of leaf-mold or well-decomposed cow-manure, digging the beds about 2 feet deep. Mulch the beds during the summer with peat moss and protect in winter with 4 to 5 inches of leaves. Evergreen boughs between the tops of the plants during winter is desirable to break the cold, driving winds and to protect from the rays of the sun in early spring.

America. Red. Spreading.
Amphion. Pink. Bushy.
Catawbiense grandiflorum. Lilac. Compact.
Dr. C. H. Dresselhuys. Red. Tall.
Lee's Dark Purple. Purple. Bushy.
Everestianum. Lilac. Dwarf.
Mrs. C. S. Sargent. Light red. Bushy.
President Lincoln. Lavender. Tall.
Purpureum elegans. Purple. Tall.
Roseum elegans. Pink. Compact.

All Rhododendrons, strong, 12 to 15-in. plants, $2.00 each; 15 to 18-in., $3.00; 18 to 21-in., $4.00; 21 to 24-in., $5.00.

ROBINIA hispida. Rose Acacia. A quick-growing shrub of great beauty. Loose racemes of beautiful large pink flowers in June. Gives a magnificent effect. Strong, 2 to 3-ft. plants, 75c. each.

RHUS cotinus. Purple Mist or Smoke Tree. A large shrub that can be planted as a single specimen or in the mixed border. About midsummer the plant is literally covered with clusters of feathered flowers, giving the appearance of a cloud of smoke or mist. Strong, 2 to 3-ft. plants, 75c. each.

R. typhina laciniata. Dwarf Cut-leaved Sumac. Low growth and fern-like foliage highly colored in the fall months. 75c. each.

ROSE OF SHARON. See Althæa.

SNOWBALL. See Viburnum.

SPIRÆA, Anthony Waterer. Dwarf, dense shrub bearing a profusion of crimson flowers. 2 ft.

S. prunifolia. Bridal Wreath. Pretty, double white flowers come all along the almost leafless stem about May 1, just as the leaves are budding. 3 ft.

S. Thunbergi. One of the prettiest of the dwarf shrubs, with fine, delicate foliage and a profusion of small white flowers in early spring. 1½ ft.

S. Vanhouttei. The most beautiful of all white Spiræas, flowering in May, when it is a complete fountain of white bloom. 3 ft.

All Spiræas, 60c. each

SUMAC. See Rhus.

SWEET PEPPERBUSH. See Clethra.

SWEET SHRUB. See Calycanthus.

SYMPHORICARPOS racemosus. Snowberry. Small red flowers, succeeded by many white berries that remain on the plant through half the winter. Strong plants, 60c. each.

S. vulgaris. Red-fruited or Indian Currant. This is a well-known shrub, bearing pink flowers followed by bright red fruit. 60c. each.

SYRINGA (Lilac), Charles X. A strong-growing variety, bearing large trusses of reddish purple flowers. $1.00 each.

S. japonica. Very desirable free-flowering tree, bearing, during June and July, fragrant white flowers in large panicles. 60c. each.

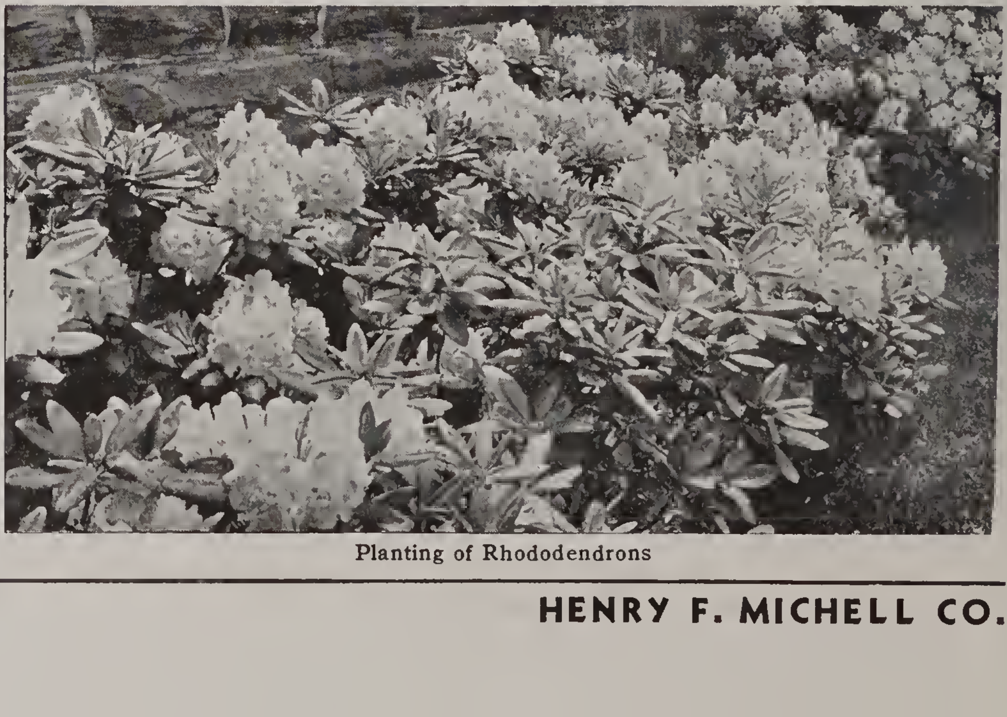
S., Marie Legraye. A dwarf-growing variety, producing immense trusses of beautiful creamy white flowers. One of the most popular single white sorts. $1.00 each.

S. persica. Persian Lilac. More slender in growth than the common Lilac. Purple flowers in graceful spikes. 60c. each.

S. vulgaris. Common purple, sweet-scented Lilac. 60c. each.

S. vulgaris alba. Pure white type of the above, but more fragrant. 60c. each.

TAMARIX africana. Strong, slender, upright growth, with panicles of feathery pink flowers in May. 2 to 3-ft. plants, 60c. each.



Planting of Rhododendrons

VIBURNUM Carlesi. A rare Korean variety and one of the most desirable semi-dwarf flowering shrubs, with clusters of wonderfully fragrant white flowers, shaded with pink. Strong plants, $1.50 each.

V. dilatatum. Linden Viburnum. One of the best of the Viburnums, producing small white flowers during May and June, followed by large clusters of bright scarlet berries which remain during the greater part of the winter. One of the most showy of the berried shrubs. Strong, 2 to 3-ft. plants, $1.00 each.

V. Opulus. High-bush Cranberry. Among the most popular of the shrubs, bearing clusters of white flowers in June, followed by bright scarlet berries in autumn, which are very attractive throughout the winter. Strong, 2 to 3-ft. plants, 60c. each.

V. Opulus sterile. Snowball; Guelder-Rose. This is the popular white Snowball, literally covered with large globes of white flowers in May. Strong, 2 to 3-ft. plants, 60c. each.

V. tomentosum. Distinct from all other varieties of Snowball, in both foliage and flower, the latter being more flat than those of the other varieties and followed by decorative red fruits, changing to black as they ripen. Strong, 2 to 3-ft. plants, 60c. each.

Viburnum tomentosum plicatum. Japanese Snowball. A desirable shrub that should be in every garden or on the lawn. Perfectly hardy. Blooms in June. Extra-fine, 2 to 3-ft. plants, 60c. each.

VITEX Agnus-castus. Chaste-Tree. A shrub or small tree, with strong aromatic odor. Dense spikes of pale lilac flowers from July to September. Strong, 2-ft. plants, 60c. each.

V. macrophylla. A graceful, attractive shrub, growing 3 to 4 feet high and producing freely pretty lavender-blue flowers from July until frost. 75c. each.

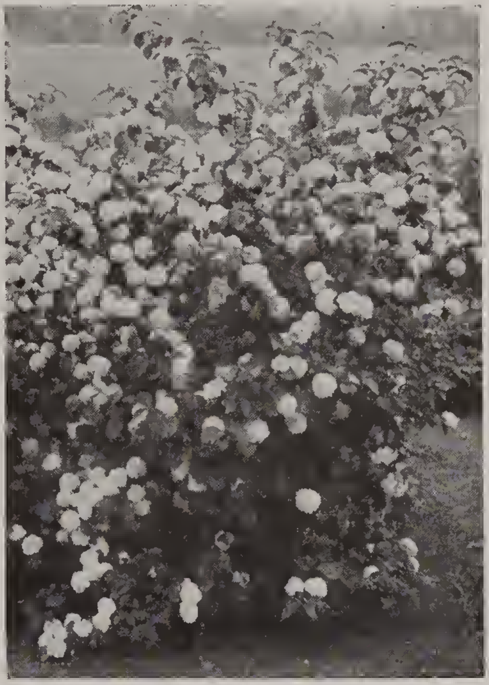
WEIGELA candida. Flowers abundantly in June and July; additional bloom is also shown during the autumn months. The tube-shaped flowers are pure white. Fine for cutting. 2 to 3-ft. plants, 60c. each.

W., Eva Rathke. Of erect form and vigorous habit. The deep carmine-red flowers are the best of their color. 2 to 3-ft. plants, 60c. each.

W. rosea. Remarkably showy flowers. Numerous spreading branches and dark green leaves. The rose-colored blooms are produced in great abundance. 60c. each.

W. rosea nana variegata. Silvery variegated leaves and pale pink flowers. 60c. each.

WHITE FRINGE. See Chionanthus.



Viburnum Opulus

Michell's Choice Thrifty Hedge Plants

New Red-Leaved Japanese Barberry

Similar in all respects to the green-leaved Japanese Barberry which is so popular for mixing in the shrubbery border, as single specimens, or for planting in clumps on the lawn, as well as for foundation planting and for hedges, but the foliage of this new variety is of a rich, lustrous, bronzy red, similar to the richest red-leaved Japanese maples. As the season advances, this new Barberry becomes more brilliant and gorgeous throughout the summer and in the fall its foliage changes to vivid orange, scarlet, and red shades. All that is required to develop its brilliant coloring at all seasons is that it be planted in full exposure to the sun.

Strong, 1-yr. plants, 15 to 18 in., 35c. each; doz. $3.50; $25.00 per 100. Strong, 2-yr. plants, 18 to 24 in., 50c. each; doz. $5.00; $40.00 per 100.

Berberis Thunbergi

Japanese Barberry

A good hardy plant of low, dense growth. There is an air of grace and refinement to the Barberry bush which is not embodied in any other hedge plant. It is a brilliant light green from early spring to winter and should be regarded as a shrub as it can be planted individually in lawn or border. The slender branches are prickly, with small thorns, and tend to make a defensive hedge that few animals will attempt to penetrate. In autumn the foliage is a bright crimson; when it falls, a profusion of scarlet berries, which remain throughout the winter, are revealed on the branches.

	Each	Doz.	100
9 to 12-in. plants. .	$0 20	$1 50	$10 00
15 to 18-in. plants. . .	30	2 50	15 00

Boxwood

DWARF FOR EDGING

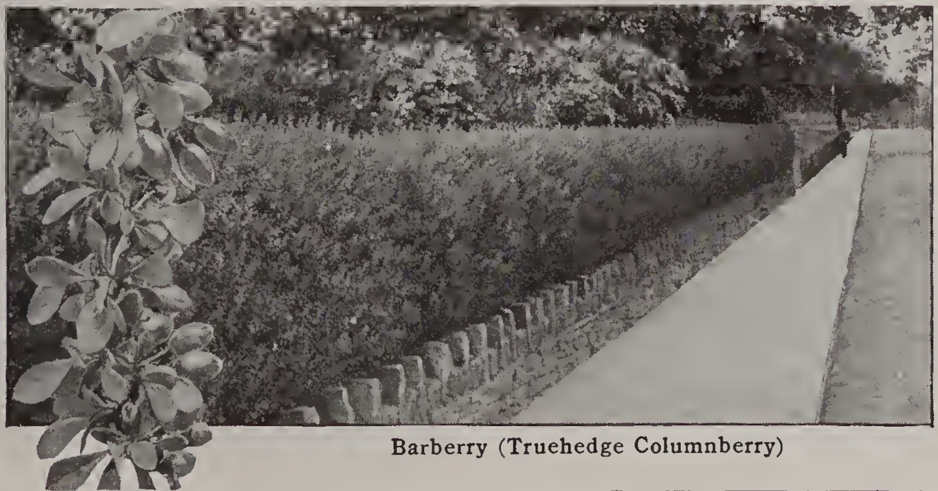
We have a quantity of nice, dwarf, bushy stock for edging beds and paths. Boxwood grows into value and adds a unique charm to the garden.

	Doz.	100
4 to 6 in.	$3 00	$20 00
6 to 8 in.	5 00	40 00

BUSH-SHAPED BOXWOOD

Best adapted for hedge planting. Extra-bushy plants.

	Each
12 to 15-in. plants	$1 00
15 to 18-in. plants	1 50
18 to 24-in. plants	2 50



Barberry (Truehedge Columnberry)

Truehedge Columnberry

Berberis Thunbergi pluriflora erecta

Plant Patent No. 110

Many people on seeing Columnberry have mistaken it for boxwood on account of its formal shape and dense, deep green foliage, which is distributed evenly right to the ground. During the summer the branches become heavily set with berries which turn to a bright scarlet in the fall and remain during the winter, making it one of our best berried shrubs. It is absolutely hardy, having withstood 26 degrees below zero last winter without the slightest damage. We predict a bright future for Truehedge Columnberry as it makes a hedge quickly, requires practically no trimming; it can also be grown into perfect pyramids or box-shaped specimens that can be used as formal accent plants.

Strong, 12 to 15-in. plants, 35c. each; doz. $3.50; $25.00 per 100. Strong, 15 to 18-in. plants, 50c. each; doz. $5.00; $40.00 per 100.

Golden or Variegated Privet

Like the California variety, but each leaf is margined and blotched golden yellow, giving it, from a distance, a striking appearance. We recommend it especially for placing among shrubbery or for planting on the lawn. The contrast between the grass and golden foliage is beautiful. Bushy plants, 30c. each; doz. $3.00; $20.00 per 100.

California Privet

The most popular of all hedge plants. Being absolutely hardy, it increases in beauty with each successive year. Plants should be set 1 foot apart in double rows, in zig-zag fashion, so that the plants are diagonally opposite each other. This practically places them 6 inches apart, which is desirable to get a quick, dense growth. Plant from October 15 till the ground freezes, and from March 15 to May 15.

1-yr., 1½ to 2-ft. plants, $1.25 per doz.; per 100, $6.00; $50.00 per 1000. 2-yr., 2 to 2½-ft. plants, $1.50 per doz.; per 100, $8.00; $70.00 per 1000. 2-yr., 2½ to 3-ft. plants, $2.00 per doz.; per 100, $10.00; $90.00 per 1000.

Privet plants are best shipped by Express.

A nice Evergreen is a joy for a lifetime

Juniperus Sabina

Taxus cuspidata

Michell's Ornamental Evergreens

This list includes the varieties mostly in demand. We can furnish all other sorts

The figures following each variety indicate, in feet, the approximate height of that plant when mature; it must be understood, however, that it takes a great many years to attain this height.

BIOTA (Thuja) aurea nana. Berckman's Golden Arborvitæ. 2½ to 3 ft. A gem for planting where a dwarf variety is needed. Plants of compact, roundish shape with warm golden yellow foliage. 12 to 15-in. plants, $1.50 each; 15 to 18-in., $2.00.

CHAMÆCYPARIS pisifera plumosa aurea. Golden Plume Cypress. 20 to 25 ft. 1½ to 2-ft. plants, $1.50 each; 2 to 2½-ft., $2.00.

C. pisifera squarrosa Veitchi. Moss Cypress. 25 to 30 ft. Foliage blue-gray, feathery and dense. 1½ to 2-ft. plants, $1.50 each; 2 to 2½-ft., $2.00.

CRYPTOMERIA japonica Lobbi. Japanese Temple Tree. 15 to 20 ft. Forms a narrow, irregular column, compact and picturesque, with rich bronze winter color. Prefers a moist but well-drained location. 3 to 4-ft. plants, $3.00 each.

Juniperus virginiana glauca

JAPANESE MAPLE. See *Acer palmatum atropurpureum*, page 127.

JUNIPERUS chinensis Pfitzeriana. Pfitzer Juniper. 5 to 6 ft. Broad bushy, gray-green foliage, giving a feathery appearance. A hardy adaptable evergreen, especially for foundation planting. 15 to 18-in. plants, $1.50 each; 1½ to 2-ft., $2.00.

J. excelsa stricta. Spiny Greek Juniper. 4 to 5 ft. Combines regularity of shape, beauty of coloring, hardiness and rather slow growth. Steel-blue foliage. 15 to 18-in. plants, $1.00 each; 1½ to 2-ft., $1.50.

J. communis hibernica. Irish Juniper. 7 to 8 ft. A slender evergreen of bluish green color and spire-like in effect. 2 to 2½-ft. plants, $1.50 each; 2½ to 3-ft., $2.00.

J. Sabina. Savin Juniper. 6 to 7 ft. Dense, dark green foliage and spreading branches, forming a vase-shaped plant. 15 to 18-in. plants, $1.50 each; 1½ to 2-ft., $2.00.

J. squamata Meyeri. Meyer Juniper. 3 to 4 ft. Beautiful deep blue foliage. Particularly suitable for rockery or low foreground planting. 9 to 12-in. plants, $2.00 each.

J. virginiana glauca. Silver Blue Cedar. 15 to 20 ft. Forms a dense column of beautiful steel-blue foliage. Useful in formal or mixed plantings where height is desired. 1½ to 2-ft. plants, $1.50 each; 2½ to 3-ft., $2.50.

MAGNOLIA Soulangeana. See page 127.

PICEA pungens. Colorado Spruce. 60 to 80 ft. The native Spruce of Colorado. Bluish green color and very hardy. Makes a handsome lawn specimen. 1½ to 2-ft. plants, $1.00 each; 2 to 2½-ft., $1.50.

P. pungens glauca. Colorado Blue Spruce. 60 to 80 ft. Similar to the above but of a pleasing blue color. Selected, 1½ to 2-ft. plants, $2.00 each.

P. pungens Kosteriana. Koster's Blue Spruce. 60 to 80 ft. The aristocrat of the evergreen family. By far the most shapely of the Spruces and the truest, most persistent blue of any known tree. Very scarce. 15 to 18-in. plants, $3.00 each; 1½ to 2-ft., $5.00.

PINUS Mugo (montana). Mugo Pine. 2 to 3 ft. Compact, dwarf Pine, forming a round-topped clump. Useful for rock-planting and foundation work. 12 to 15-in. plants, $1.50 each.

P. nigra austriaca. Austrian Pine. 60 to 70 ft. A vigorous, dense grower with rich dark green foliage. 1½ to 2-ft. plants, $1.50 each; 2 to 3-ft., $2.50.

TAXUS baccata repandens. Spreading English Yew. 1½ to 2 ft. Spreading, horizontal branches, dark blue-green foliage. Valuable for low planting. 15 to 18-in. plants, $2.00 each.

T. cuspidata. Spreading Japanese Yew. 4 to 5 ft. This is one of the hardiest evergreens in cultivation, with very dark green foliage and spreading, bushy habit. 15 to 18-in. plants, $2.00 each; 1½ to 2-ft., $2.50.

T. cuspidata capitata. Upright Japanese Yew. 25 to 40 ft. An evergreen of the upright type of *T. cuspidata*. 1½ to 2-ft. plants, $2.50 each; 2 to 2½-ft., $3.00.

T. cuspidata nana. Dwarf Japanese Yew. 2 to 3 ft. One of the hardiest of the dwarf evergreens, with foliage similar to the above but slower of growth and more compact. 12 to 15-in. plants, $3.00 each; 15 to 18-in., $4.00.

THUJA occidentalis globosa. Globe Arborvitæ. 2½ to 3 ft. Natural, globe-shaped evergreen, very good for formal and foundation work. 12 to 15-in. plants, $1.00 each; 15 to 18-in., $1.50.

T. occidentalis pyramidalis. Pyramidal Arborvitæ. 15 to 30 ft. Narrow, columnar shape, retaining its bright green color throughout the winter. Excellent for accents or formal planting. 2 to 2½-ft. plants, $1.50 each; 3 to 4-ft., $2.50.

TSUGA canadensis. Canada Hemlock. 75 to 90 ft. One of the most graceful and attractive native evergreens. The spreading, horizontal branches of finely cut foliage make this a most adaptable tree, either for hedges or informal planting. 1½ to 2-ft. plants, $1.50 each; 2 to 2½-ft., $2.00.

Pinus Mugo

Michell's Deciduous Shade Trees

This list includes the varieties mostly in demand. We can furnish all other sorts

ACER palmatum atropurpureum. Purple-leaf Japanese Maple. 6 to 8 ft. Rounded, dwarf trees, with foliage of unrivaled brilliancy. Their early and midsummer aspect is vivid blood-red, which dulls to a bronzy purple-red toward fall. The plants we offer are grafted from the finest strain imported, being carefully selected for rich, constant color. Strong, 15 to 18-in. plants, $1.50 each; 18 to 24-in., $2.00.

A. platanoides. Norway Maple. 50 to 75 ft. This Maple makes the roundest head, is colored the deepest, coolest green, and furnishes the densest shade of the entire list of good trees. Very hardy. 8 to 10-ft. trees, $2.50 each.

A. platanoides Schwedleri. Schwedler Maple. 40 to 60 ft. The Purple Norway Maple's beautiful leaves attract attention at all seasons, but are especially fine in spring when their gleaming red and purple contrasts brightly with the delicate green of other trees. 8 to 10-ft. trees, $4.00 each.

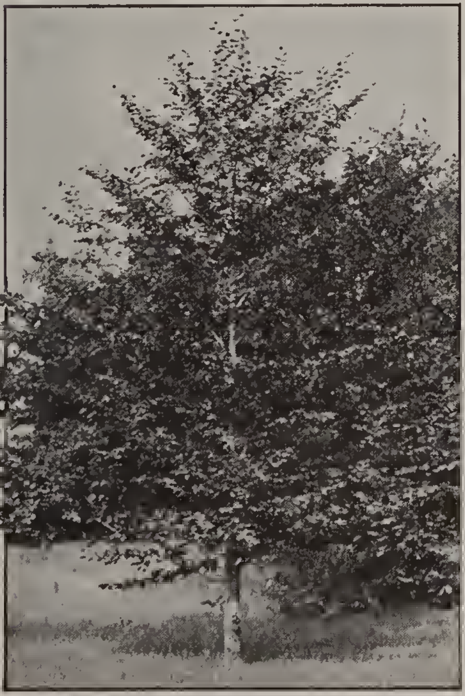
A. rubrum. Red Maple. 50 to 75 ft. Large tree with spreading branches. The earliest Maple to bloom, its beautiful red flowers appearing in late winter. In the fall its leaves turn to the most beautiful shades of red and scarlet. 10 to 12-ft. trees, $7.50 each.

A. saccharinum dasycarpum. Silver Maple. 60 to 80 ft. Quick-growing, graceful shade tree with leaves silvery underneath. 8 to 10-ft. trees, $1.50 each.

A. saccharum. Sugar Maple. 50 to 75 ft. This tree is chieftain of its clan—straight spreading, symmetrical, of grand proportions and very long-lived. It grows well in all except damp, soggy soils and roots deeply, allowing the grass to grow close. Very rich autumn coloring. 8 to 10-ft. trees, $2.00 each.

ELM. See Ulmus.

FAGUS sylvatica purpurea. Purple or Copper Beech. 60 to 75 ft. An effective tree for individual planting and color contrast. Develops into a fine specimen with the lower branches sweeping the ground. 2 to 3-ft. plants, $4 00 each.



Fagus purpurea (Purple or Copper Beech)

LINDEN. See Tilia.

MAGNOLIA Soulangeana. Saucer Magnolia. 15 to 18 ft. A hardy Chinese species which, while shrub-like in its young growth, attains the size of a tree in time. Flowers are produced early in the spring, cup-shaped, 3 to 5 inches in diameter, white inside, flushed with purple on the outside. 2 to 3-ft. bushy plants, $2.00 each.

M. stellata. Star Magnolia. 8 to 10 ft. A pretty dwarf form that opens its snowy, star-like flowers in April, earlier than any other Magnolia. The fragrance is pronounced and delicate. 2 to 2½-ft. bushy plants, $3.00 each.

MAPLE. See Acer.

MORUS alba pendula. Weeping Mulberry. The most popular small "weeping" tree. Forms a most perfect, round, tent-shaped head, with slender leaf-studded branches drooping to the ground. Trees with 2-yr. heads, $2.50 each.

MOUNTAIN-ASH. See Sorbus.

MULBERRY. See Morus.

OAK. See Quercus.

Acer platanoides (Norway Maple)

PLATANUS orientalis. Oriental Plane. 70 to 80 ft. A good tree for park and street planting. Grows quickly and withstands smoky city conditions. 8 to 10-ft. trees, $2.00 each.

POPLAR. See Populus.

POPULUS Bolleana. Bolleana Poplar. 50 to 60 ft. Tall, spire-like trees valued for landscape work and screens. Leaves white underneath, creating an attractive flashing effect when stirred by the wind. 8 to 10-ft. trees, $3.00 each.

P. nigra italica. Lombardy Poplar. 60 to 80 ft. Similar to the above, with foliage green on both sides. 8 to 10-ft. trees, $1.50 each.

PRUNUS subhirtella pendula. Weeping Japanese Cherry. 12 to 15 ft. A most beautiful and graceful tree, covered with single pink blossoms very early in the spring. Strong plants, 5 to 6-ft. stems, 2-yr. heads, $5.00 each.

PURPLE BEECH. See Fagus.

QUERCUS coccinea. Scarlet Oak. 75 to 90 ft. Most striking autumn colors. Tall, stately grower with deeply cut leaves. 8 to 10-ft. trees, $6.00 each.

Q. palustris. Pin Oak. 75 to 90 ft. Takes most kindly to cultivation. Prefers moist soil but is very adaptable. A very good tree for street planting, being highly colored in the autumn. 6 to 8-ft. trees, $2.00 each.

Quercus palustris (Pin Oak)

Quercus rubra. Red Oak. 75 to 90 ft. A comparatively quick grower. The young shoots and leaf-stems are red with purplish crimson foliage in the autumn. 6 to 8-ft. trees, $3.00 each.

SALIX babylonica. Babylon Weeping Willow. 50 to 60 ft. Particularly appropriate for waterside planting with its long pendulous branches. 4 to 6-ft. trees, $1.50 each.

SORBUS Aucuparia. European Mountain-Ash. 25 to 30 ft. A valuable tree on a small lawn. The scarlet berries are quite striking. 8 to 10-ft. trees, $3.00 each.

TILIA americana. American Linden. 75 to 90 ft. A stately tree with large, shining, cordate leaves. Valuable for its beautiful white wood. Fragrant yellow flowers in July. 6 to 8-ft. trees, $2.00 each.

T. vulgaris. European Small-leaf Linden. 70 to 90 ft. In late June the fragrant flowers are noticeable. Grows symmetrical and compact. 6 to 8-ft. trees, $2.00 each.

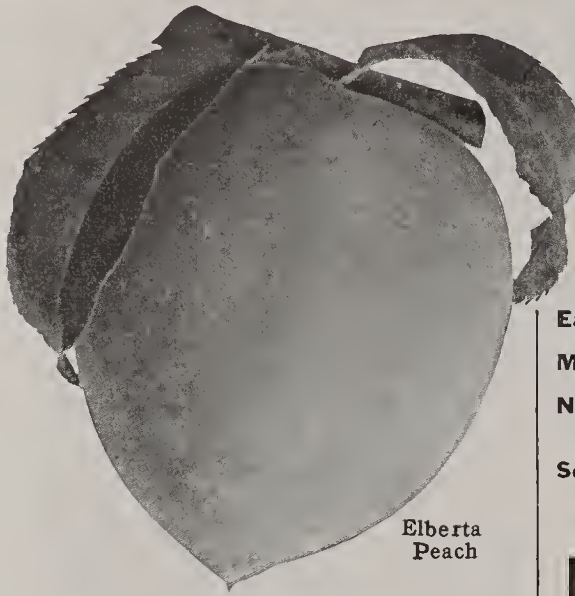
ULMUS americana. American Elm. 80 to 100 ft. Stateliness and dignity are here exemplified. Fairly rapid in growth, this typical American tree soon assumes regal proportions and commands the respect of all who look upon it. 8 to 10-ft. trees, $1.50 each.

WILLOW. See Salix.

SPECIAL NOTICE ON GUARANTEE

We spare no effort to supply trees, plants, and shrubs of the best quality in first-class living condition. On account of the many causes beyond our control, we regret we cannot guarantee this stock to live and establish itself, as that is usually entirely within the power of the buyer or planter. If customers desire us to guarantee plants, trees, and shrubs to live, we will assume such guarantee at an advance of 25 per cent over and above our usual price, but not otherwise, and such guarantee will expire within 90 days from date of shipping.

Michell's Select Fruits



Elberta Peach

Apples

Baldwin. Large, round; deep red. Late.

Delicious. A good late variety with rosy red fruit of good size. Truly delicious.

Early Harvest. Medium size. Early. Green and red; very sweet.

Fall Pippin. Large; yellow; rich and delicious. A good bearer when it reaches maturity. Likes a moist, well-drained soil. Good autumn Apple.

Grimes Golden. Late. Good size; yellow and of fine flavor.

Red Astrachan. An old popular variety. Tart, juicy flesh tinged with red. Very early.

Rome Beauty. Late. Yellow shaded red; solid and juicy.

Stayman's Winesap. The best winter variety. Large, juicy, semi-sweet. Fine for eating and cooking. Prolific.

Wealthy. Late. Round, red; sweet and a good keeper.

Yellow Transparent. Early and desirable. Good color; juicy and semi-sweet.

Crab-Apples

Hyslop Crab. Large, round, deep red fruit. The best variety for jelly. Sept.

All Apple and Crab-Apple trees, 4 to 5 ft., $1.50 each; doz. $15.00

Apricots

Early Golden. Orange-yellow, with faint blush; firm, coarse flesh. One of the best. Few varieties equal in lusciousness the fresh fruit of the Apricot. Should be planted more generally where there is room for trees. $1.50 each; doz. $15.00.

Cherries

Black Tartarian. *Sweet.* Very large; black; rich and juicy.

Early Richmond. *Sour.* An early variety of medium size, dark red fruit. Early June.

Montmorency. *Sour.* Large, dark red fruit, about 10 days later than Richmond.

Napoleon (Royal Ann). The best and most profitable yellow sweet Cherry. Flesh very firm, juicy, and delicious.

Schmidt. *Sweet.* Large; deep black; flesh dark and sweet. Productive. July.

All Cherry trees, 5 to 6 ft., $1.50 each; doz. $15.00

Early Richmond Cherries

Plums

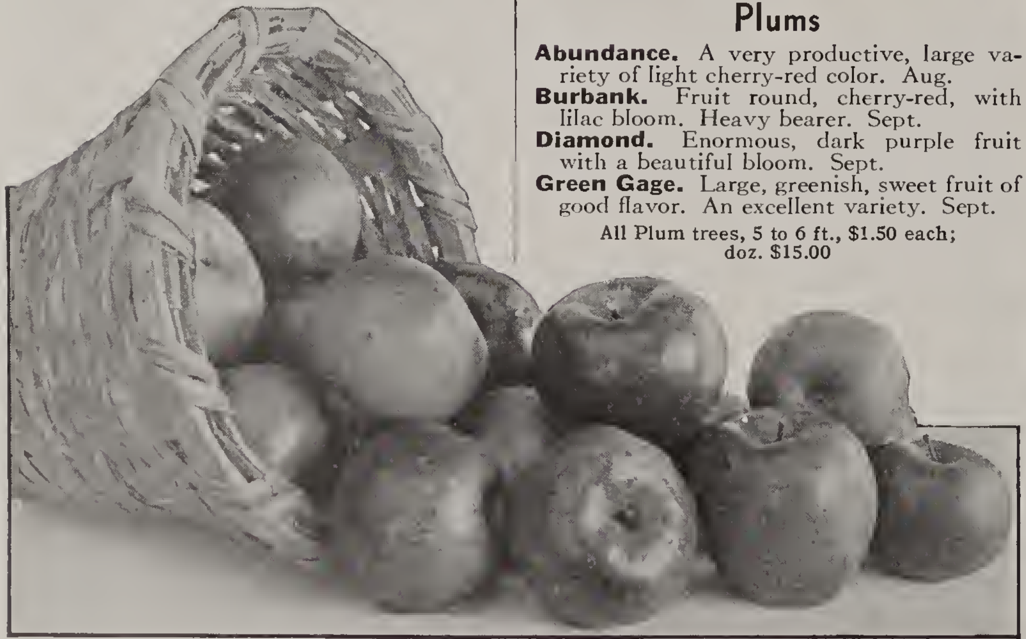
Abundance. A very productive, large variety of light cherry-red color. Aug.

Burbank. Fruit round, cherry-red, with lilac bloom. Heavy bearer. Sept.

Diamond. Enormous, dark purple fruit with a beautiful bloom. Sept.

Green Gage. Large, greenish, sweet fruit of good flavor. An excellent variety. Sept.

All Plum trees, 5 to 6 ft., $1.50 each; doz. $15.00



Apples

Peaches

Belle of Georgia. White, red cheek; flesh white, of good flavor. Freestone. Sept.

Carman. Early. White, red blush; juicy and of good flavor. Early Aug.

Champion. A large, handsome early white variety with red cheek; sweet and juicy. Aug.

Elberta. The standard market variety. Large; flesh yellow, juicy, and of high quality. A heavy bearer. Sept. 15.

Golden Jubilee. *New.* Resembles Elberta. Skin yellow with red flush; flesh golden yellow, juicy, and sweet. Freestone. Early Aug.

J. H. Hale. Larger than Elberta. Deep yellow with carmine blush; wonderful flavor. Stands shipping. Ripens about Sept. 10.

Salwey. Large; deep yellow; sweet and juicy. Oct.

All Peach trees, 3½ to 4 ft., $1.00 each; doz. $10.00

Pears

SUMMER VARIETIES

Bartlett. An old favorite. Juicy, well flavored, and a good bearer. Aug.

Clapp's Favorite. A fine large yellow variety stained red; flesh fine-grained. Aug.

FALL VARIETIES

Anjou. Fruit large and handsome, yellow with red blush; flesh of good flavor. Late keeper. Oct.

Duchesse d'Angouleme. Large; flesh buttery, rich, and juicy. A good standard variety. Fine keeper. Oct.

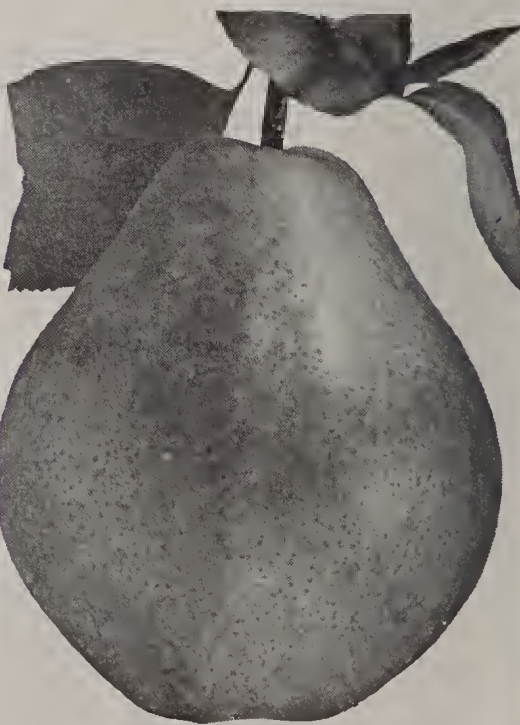
Kieffer. Late. Rather coarse-grained, but when well ripened is good for both eating and preserving. Good keeper. Oct.

Seckel. A well-known, dark brown, small variety; flesh very sweet and juicy. Oct.

All Pear trees, 5 to 6 ft., $1.50 each; doz. $15.00

Quinces

Orange. Large, golden yellow fruit of good quality. Prefers low, well-drained soil. Excellent for jellying with apples. Dwarf grower. 4 to 5 ft., $1.50 each; doz. $15.00.



Kieffer Pear

MICHELL'S SELECT FRUITS, continued

The New Boysenberry

The Finest Vine Berry Yet Developed

A new hybrid vine berry developed from the blackberry, loganberry, and raspberry.

The fruit, which is dark purple at first becoming black when fully ripe, is of blackberry form with berries averaging 1½ inches long, with occasional fruit an inch longer.

The flavor is distinctively its own but somewhat resembles the raspberry; the sugar content is high, no sugar being needed with ripe berries. $2.25 per doz.; 25 for $4.00.

Blackberries

Eldorado. Remarkably strong grower and an enormous producer of extra-size berries which are brilliant black and retain their color under all conditions. Very sweet and without core.

Ward. An extra-strong grower producing an enormous crop of extremely large, glossy Blackberries which are rich, sweet, and tender, with no hard core.

All Blackberries, extra-strong plants, $1.00 per doz.; per 100, $8.00

Raspberries

Cumberland. Blackcap. The largest Raspberry known. Selected specimens measure an inch in diameter.

Cuthbert. Berries very large, measuring 3 inches around, conical, rich crimson. One of the old-time favorites.

Latham. The finest red Raspberry to date. More productive than any other variety. The berries are very large, bright red, and of wonderful flavor.

Ranere Everbearing. Brilliant red fruit of good size and excellent flavor; in fact, there is no good quality any of the regular varieties of Raspberries possess that is lacking in Ranere.

All Raspberries, extra-strong plants, $1.00 per doz.; per 100, $8.00

Grape-Vines

Caco. Red. The most delicious of all Grapes and perfectly hardy. Bunch of good size, compact, and of good form. Ripens in 10 to 14 days in advance of Concord; rich in sugar, excellent in flavor. Vine a very strong, vigorous grower, healthy and prolific. 50c. each; doz. $5.00.

Grapes

Campbell's Early. Black. A valuable and delicious Grape. Vine very strong, hardy, and vigorous. Berries large, black with light purplish bloom; flavor rich and delicious.

Catawba. Red. Delicious flavored; medium-size berry.

Champagne. Coppery red. A sterling variety of great merit. Berries very large. Immense producer. Seasons in which other varieties did not fruit, this variety stood out, bearing an immense crop. Very strong grower. 50c. each; doz. $5.00.

Concord. Purple. The well-known standard variety that succeeds wherever Grapes will grow.

Delaware. Light red with violet bloom. Bunches and berries are small but compactly set, sugary and delicious. A favorite dessert Grape and one of the earliest to ripen.

Moore's Diamond. White. A strong, healthy grower, hardy and productive. Berries large; flesh tender, juicy, but with little pulp. Ripens before Concord.

Niagara. Light greenish white. An unusually strong grower. Bunches very large and compact. Berries large, semi-transparent; has very little pulp and is sweet to the center.

All Grape-Vines, except Caco and Champagne, 2-yr. vines, 30c. each; doz. $3.00; $20.00 per 100

Cumberland Raspberries

Strawberry Plants

Two New Early Strawberries

These two new varieties were developed by scientists in the U. S. Department of Agriculture, and were selected from thousands of seedlings as being outstanding in quality, vigor, productiveness, size, and appearance. Stock of these two varieties is limited and we suggest that you place your order early for delivery at the proper time, as they are sure to be sold out before the end of the season.

Dorsett. No other berry, except Fairfax, has the fine dessert quality of Dorsett. This quality is probably taken from the English variety, Royal Sovereign, which is one of its parents. There are some differences of opinion as to whether Dorsett or Fairfax is of the better quality, but all are unanimous that these two varieties stand head and shoulders above all others. Dorsett berries average very large, are firm and rather light in color, while the flavor leaves nothing to be desired. The berries are beautiful in appearance; their light color, bright green cap, large size, and attractive shape make them very desirable and should appeal to every grower of Strawberries. Once tasted this appeal becomes doubly strong.

New Boysenberry

Fairfax. No other berry, except Dorsett, can equal Fairfax in quality. It probably takes this outstanding quality from the Royal Sovereign parentage, which has been famous in England for years. It is impossible to describe it; to be appreciated it must be tasted. Fairfax berries average very large and firm and, picked at the proper time, are a bright red with a light green cap; as they ripen, they become darker and then very dark red. They maintain their firmness and flavor even after they become very dark.

Both Dorsett and Fairfax, 25 for $1.00; $1.50 for 50; 100 for $2.50; $15.00 per 1000

STANDARD EARLY VARIETIES

Premier. *Perfect.* Enormously productive, commencing early and bearing through a long season. The flavor is delicious.

Senator Dunlap. *Perfect.* This grand Strawberry will please the most critical person. One of the first to yield and continues well into the height of the season.

MIDSEASON VARIETIES

Big Joe. *Perfect.* The merits of this excellent variety are great vigor of plant, fine root-system, exceptional productiveness, large size of fruit, excellent flavor, and length of bearing season.

LATE-SEASON VARIETIES

Chesapeake. *Perfect.* The berries are handsome in appearance because of their large size, rich color, glossy surface, uniform shape and bright green cap.

Gandy's Prize. *Perfect.* One of the best late sorts. Very large, solid, and of a beautiful crimson color. Especially good for family garden planting.

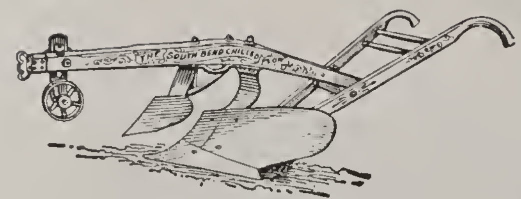
William Belt. *Perfect.* The plant is vigorous, though not a rampant grower. Succeeds on all soils and invariably yields heavily, and continues for a long period. The berries are always of large size and highest quality; deep crimson in color.

Price of above (except where noted), 25 for 75c.; $1.00 for 50; 100 for $1.50; $10.00 per 1000

AUTUMN-FRUITING OR EVER-BEARING VARIETY

Mastodon. This is, unquestionably, the most prolific of everbearing varieties. Bears continuously from June till frost, the late fruits being as large as the early crop. Berries are of excellent quality. Layer plants, 25 for $1.00; $1.50 for 50; 100 for $2.50; $15.00 per 1000.

Michell's Farm and Garden Tools



South Bend Plows

For garden, farm, or trucker's work; made of chilled steel in various sizes.

	Each
No. 1B. Wood beam plain; for one horse	$12 00
No. 2F. Wood beam plain; for one heavy or two light horses	14 50
No. 3F. Wood beam plain; for two horses	18 50

The prices above are for plain Plows with clevis only.

The No. 3 Plow can be equipped with wheel and jointer at the following additional cost:

	Each
Wheel only	$2 25
Jointer only	4 25

The Nos. 1 and 2 are too light for wheel and jointer

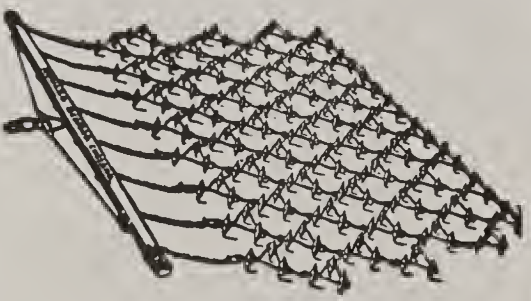
South Bend Plow Parts

	Shares	Mouldboards	Beams
No. 1B	$0 50	$2 25	$2 55
No. 2F	55	3 25	2 85
No. 3F	65	4 25	3 20
No. 4F	70	4 60	3 80

	Complete Handles	Jointer-points	Land-sides
No. 1B	$2 05		$0 75
No. 2F	2 25		1 00
No. 3F	2 50	$0 30	1 25
No. 4F	2 75	30	1 35

Single and Doubletrees

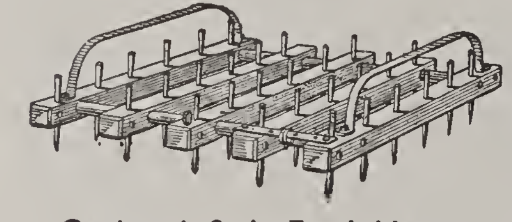
	Each
No. 11. Wood Singletrees, 26-in.	$1 50
No. 10. Wood Singletrees, 28-in.	1 60
No. 2. Wood Doubletrees, heavy, 36-in.	5 00
No. 3. Steel Singletrees, 26-in.	1 75
No. 1. Steel Doubletrees, 34-in.	5 50



Scotch Chain Harrow

One of the best implements for pulverizing the surface soil, leveling and smoothing; also good for covering grass seed, etc.

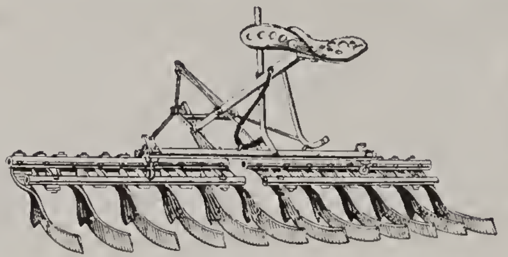
	Weight	Each
No. FH.½-R. One-horse size, 5 x 6 ft	143 lbs.	$35 00
No. FH.2-R. Medium two-horse size, 6 x 7¾ ft.	257 lbs.	48 00
No. FH.3-R. Full two-horse size, 9 x 11 ft.	380 lbs.	60 00



Gardener's Spike Tooth Harrow

Though old-fashioned in appearance and construction, this Harrow is still preferred by many. It is fitted with runners, on which it may be turned to take it from place to place.

24-tooth	$12 50
32-tooth	13 50



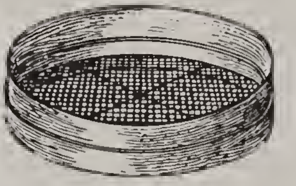
Acme Pulverizing Harrow

By those having a large acreage this will be found an indispensable implement for pulverizing and crushing the ground.

No. 12F. 6 ft. covering area, 2-horse	$36 00
No. G. 3 ft. covering area, 1-horse	18 50

Extra blades or coulters, $1.00 each

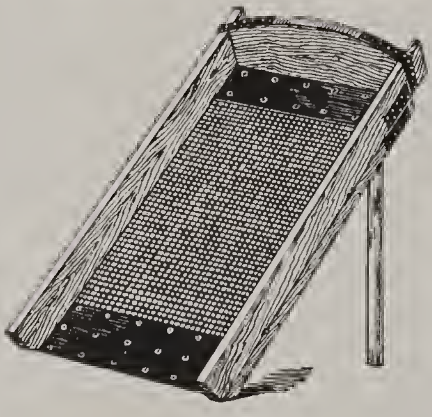
Sieves



Any size mesh. Made extra well.

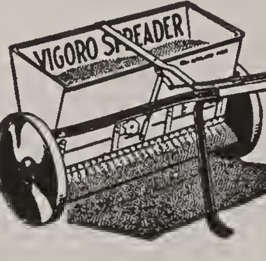
Galvanized wire, 18-in.

$1.75 each (by Parcel Post, $1.95).



Large Upright Sieve

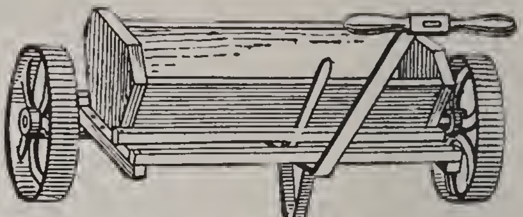
For soil, gravel, sand, etc. Made in any size mesh, of extra-heavy grade foundry wire. Price, $17.50.



Vigoro Spreader

The Vigoro Spreader was developed for the purpose of applying fertilizers in flower-beds and vegetable gardens before seeds are sown or plants set out, and to sow grass seeds, top-dress lawns with sand or other dry materials, and for many other purposes. Adjustments can be made so as to regulate the quantity desired to be applied.

New Model. 14-in. spreading area. Capacity, 13 lbs.	$2 70
Junior. 16-in. spreading area. Capacity, 30 lbs.	5 60
Standard. 24-in. spreading area. Capacity, 65 lbs.	10 55
Special. 36-in. spreading area. Capacity, 125 lbs.	17 25



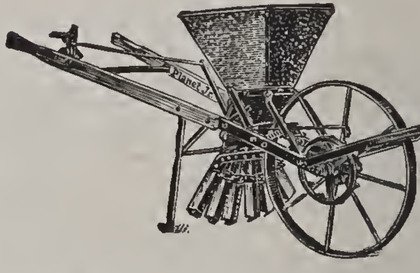
Stevens Fertilizer Distributor

For distributing bonemeal, wood ashes, and other commercial fertilizers on fields, lawns, golf courses, etc., also for sanding putting-greens. Insures perfect and even distribution.

Hand Machine. Holds about 2 bushels; covering area, 3 feet wide. $27 00

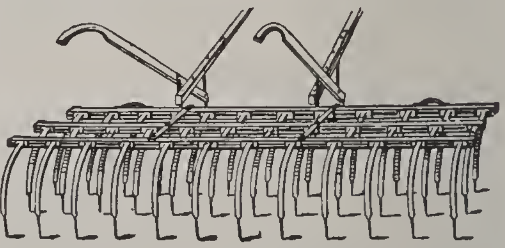
Horse Machine. For use on large lawns, fields, and golf grounds. Furnished equipped for either one or two horses, as may be desired.

5 ft.; 10-in. spreading area	$75 00
8 ft.; 3-in. spreading area	80 00



Planet Jr. Fertilizer Distributor
No. 220

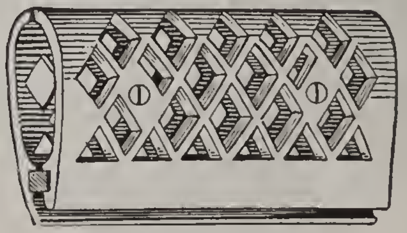
This will distribute in the middle of three rows up to 14 inches apart or will side-dress one side each of two rows up to 36 inches. Special gates are furnished to permit distribution through only the two middle spouts or two or three spouts on either right- or left-hand side. Quantity of fertilizer can be accurately regulated from 200 to 2000 pounds per acre. Price, $26.00.



The Keystone Weeder

This Weeder can be adjusted to cover a 7½-foot stretch. Any of the teeth can be easily removed, if it is desired not to cultivate very finely. Excellent for preparing a piece of ground prior to sowing lawn seed, etc. Equipped for one horse. Price, $16.50.

Extra teeth, 40c. each.



Lawn-Mower Sharpener

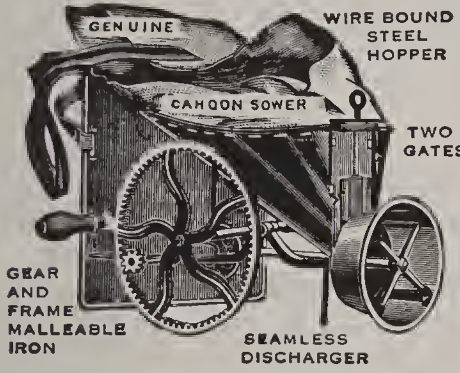
Price, 75c. each. Extra files, 30c. each

MICHELL'S LAWN, GARDEN AND FARM ACCESSORIES

Wheelbarrow Grass Seeder

A practical machine for use on the farm and also for sowing parks and golf grounds. Quickly regulated to sow different quantities per acre. The distributing box is very near the ground, which is an important feature, preventing the seed from blowing away and thus coming up unevenly.

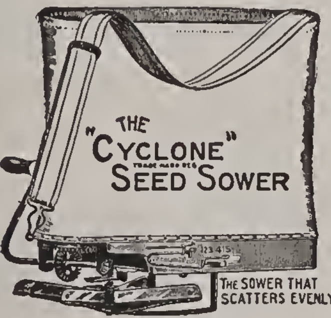
No. 106. Sows a width of 10 ft. Developed especially for seeding golf courses, parks, and country estates.	$21 00
No. 5. Sows a width of 14 ft.	18 00

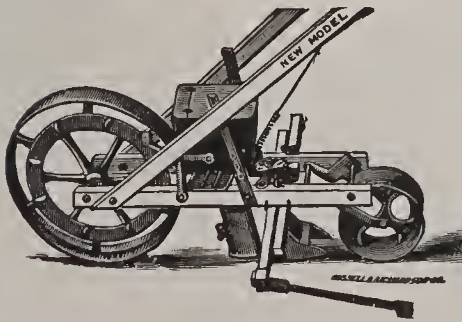


Broadcast Seed Sowers

For accurately sowing timothy, clovers, millets, and heavy seeds of grass and other farm crops. Can be regulated to sow any required quantity per acre.

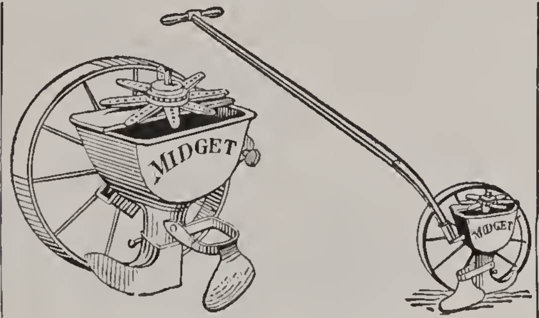
Cahoon	$5 50
Cyclone	2 75


THE "CYCLONE" SEED SOWER
THE SOWER THAT SCATTERS EVENLY



New Model Seed Drill

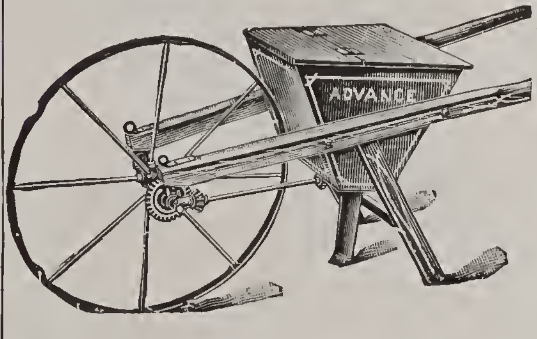
The depth of sowing can be easily regulated. A typical market gardener's drill, having a large capacity for seeds. Price, $11.50.



The Midget Seed Drill

The Midget Seeder will pay for itself in a short time, because it saves seed by sowing accurately. It drills almost any kind of garden seed, including peas and beans. The Midget opens the furrow, sows the seed and covers up, all in one operation. Weight, 6 lbs.

No. 1. Price, without handle, $4.00; with handle, $4.50.



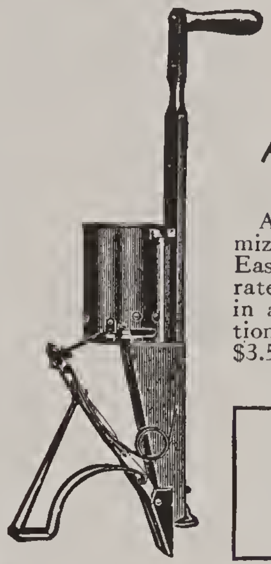
Advance Drill

A splendid machine for drilling in fertilizer before planting, or between the rows to stimulate growth after the plants are started. A shut-off, to prevent the escape of fertilizer when wheeling around end of row, is a late improvement. First-class for drilling of peas, beans, corn, etc. Price, $20.00.

Sudbury Soil-Test Kit for Acidity

No amount of care, watering, or fertilizing will give successful results in soil whose acidity is unsuited to your plant needs. With this Sudbury Soil-Test Kit, any gardener can determine simply, immediately, and accurately the acidity of his soil. No technical skill is required to make the tests. The Kit is accompanied by a table showing the acidity requirements of various flowers, vegetables, and grasses. It is your best insurance of gardening success. Price, $3.50.

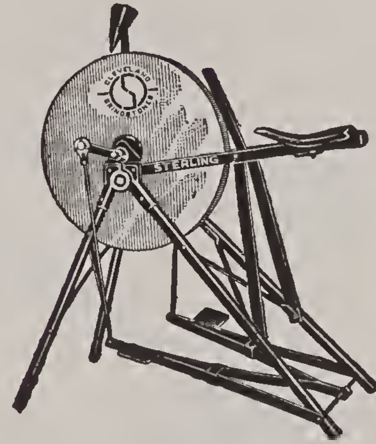
Testing Fluid for refill, 2 ozs. 75 cts.; $1.50 per 6 ozs.



American Hand Corn-Planter

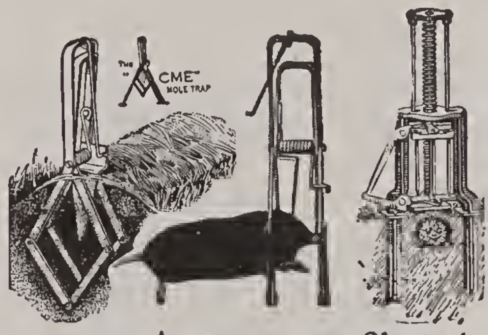
A great seed economizer and labor saver. Easily operated, accurate and reliable; works in all kinds and conditions of soil. Price, $3.50.

SEE PAGE 74
FOR
FIELD CORN



Sterling Mounted Grindstone

Substantially made; heavy steel frame with seat and double treadles. Fitted with improved ball bearings of the very best quality, encased so they will keep clean. Stone, 19 to 22 in. diam., 1¾ to 2¼ in. thick. Weight, 100 lbs. Shipped knocked down, crated. Price, $12.00.



Acme Olmstead

Mole Traps

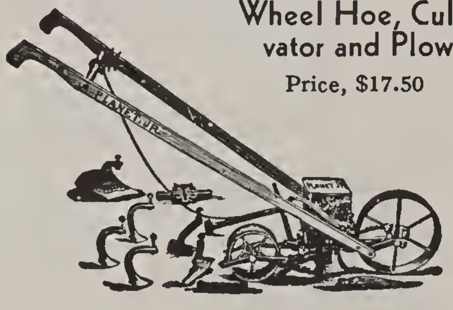
For catching moles that ruin lawns and damage the contents of hotbeds and coldframes. Moles usually move about 5 A.M. and 5 P.M., so that Traps should be set for that period. See illustrations above.

		By Parcel Post
Acme. Safe, sure, easily set. The most efficient Mole Trap on the market.	$2 00	$2 25
Olmstead	2 00	2 25
Reddick	1 25	1 50

PLANET JR. SEEDERS, WHEEL HOES, ETC.

No. 4 Planet Jr. Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow

Price, $17.50



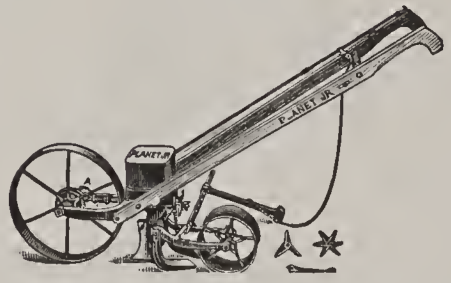
The No. 4 sows practically all vegetable seeds in drills, or drops in hills 4, 6, 8, 12, or 24 inches apart. In one operation it opens the furrow, drops seeds at the right depth, covers them, and marks the next row. By changing a single bolt it can be converted into a sturdy single wheel hoe, cultivator, or plow. Makes an ideal outfit for a medium-sized garden.

No. 4D Seeder Only

Price, $13.75

No. 3 Planet Jr. Hill and Drill Seeder

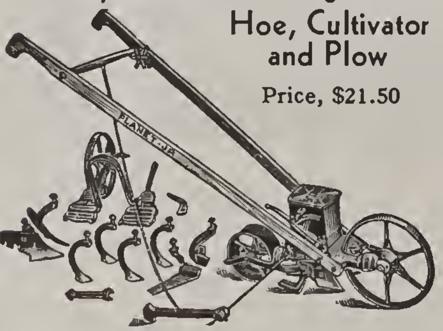
Price, $17.50



The No. 3 has for many years been a favorite with market gardeners, onion growers, etc.; it will handle any vegetable seed, planting in continuous rows or in hills, 4, 6, 8, 12, or 24 inches apart. Index for adjusting for different size seed is located on the handle. The hopper holds 3 quarts of seed.

No. 25 Planet Jr. Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow

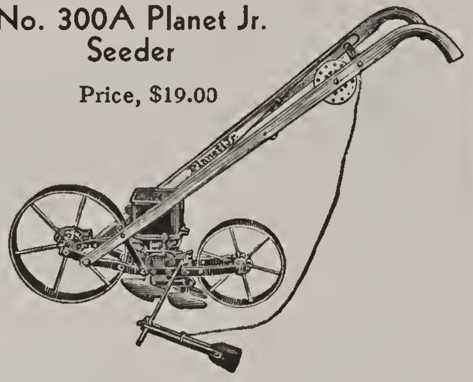
Price, $21.50



"The Complete Gardener." As a seeder it is just like the No. 4 illustrated above, and can be converted into a double or a single wheel hoe. It will cultivate both sides of a row until the plants are 20 inches high. Equipment includes all the tools necessary in any garden and is fine for the family garden, onion grower, or large farmer.

No. 300A Planet Jr. Seeder

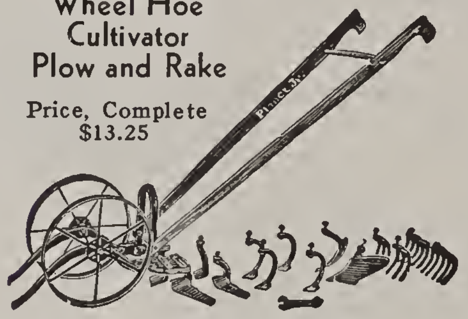
Price, $19.00



An efficient plate seeder, easily adjusted to sow seeds varying from turnips to lima beans.

No. 11 Planet Jr. Double and Single Wheel Hoe Cultivator Plow and Rake

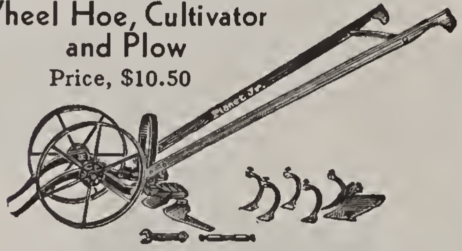
Price, Complete $13.25



Straddles crops till 20 inches high.

No. 12 Planet Jr. Double and Single Wheel Hoe, Cultivator and Plow

Price, $10.50



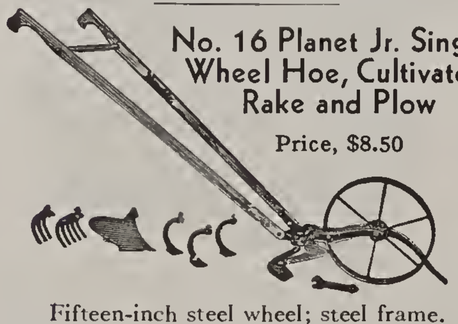
Like the No. 11 but with just the equipment illustrated.

No. 13 Double Wheel Hoe

Like No. 12, except that it is equipped with one pair side hoes only. Price, $7.90.

No. 16 Planet Jr. Single Wheel Hoe, Cultivator Rake and Plow

Price, $8.50



Fifteen-inch steel wheel; steel frame.

No. 17 Planet Jr. Single Wheel Hoe

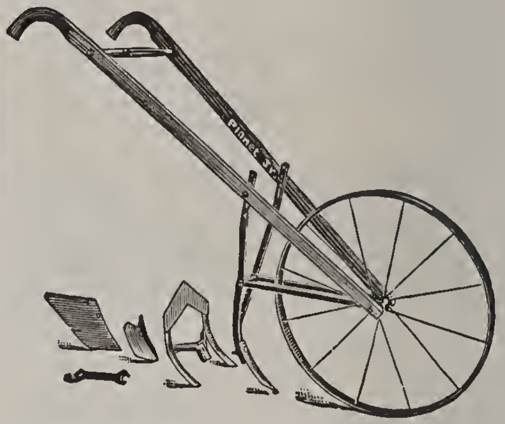
This is the same as No. 16, but without the rakes. Price, $7.50.

No. 17½ Single Wheel Hoe

Same as No. 17, except that there is no plow. Price, $6.50.

No. 18 Single Wheel Hoe

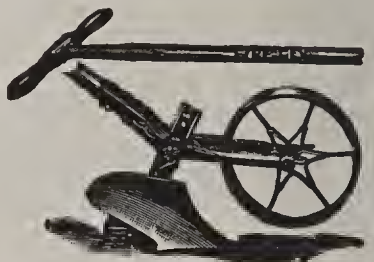
Like No. 17, except that it is equipped with one pair side hoes only. Price, $5.50.



No. 119 Planet Jr. Garden Plow and Cultivator

Price, $3.75

The No. 119 has a 24-in. steel wheel for easy working in rough and uneven soil. The equipment, which is all hardened and tempered, includes everything essential for the family garden. Can be furnished with a five-prong cultivator attachment in place of reversible scuffle blade (order No. 119W). Price, $4.00.

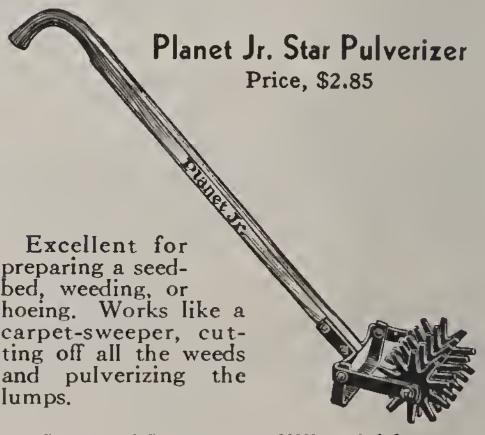


Fire-Fly Garden Plow

Useful to owners of small gardens, and to chicken-raisers for plowing up scratching yards. Price, $4.25.

Planet Jr. Star Pulverizer

Price, $2.85

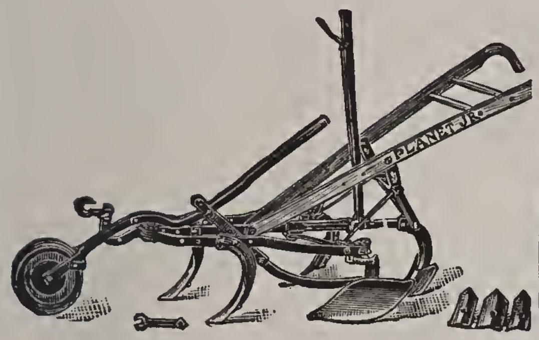


Excellent for preparing a seed-bed, weeding, or hoeing. Works like a carpet-sweeper, cutting off all the weeds and pulverizing the lumps.

Parts of Planet Jr. Wheel Hoes

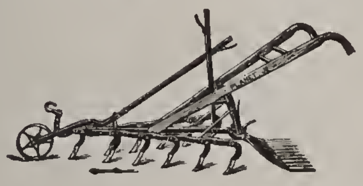
Disc Hoes. $3.50 per pair.
4½-in. Hoes S100–S101. $1.20 per pair.
6 -in. Hoes S100–S101. $1.30 per pair.
7½-in. Hoes S100–S101. $1.50 per pair.
9 -in. Hoes S100–S101. $1.65 per pair.
Peat Land Hoes. $1.75 per pair.
3-prong Cultivator Teeth. $1.50 per pair.
Cultivator Teeth, Regular, No. 1395, all steel. 35c. each.
Narrow Cultivator Teeth, No. 2775, all steel. 35c. each.
Rakes, 3-tooth. 90c. per pair.
Rakes, 5-tooth. $1.50 per pair.
Plows for Double Wheel Hoes. $1.40 per pair.
Plows for Single Wheel Hoes. $1.10 each.
Double Mouldboard Plows. $1.65 each.
Handles. $1.00 per pair.

MICHELL'S FARM AND GARDEN TOOLS



No. 8 Planet Jr. Horse Hoe and Cultivator

The lever wheel and depth regulator enable the operator to increase or lessen the depth of tilling by a mere stroke of the arm. A perfect 5-tooth cultivator. Price, $15.00.

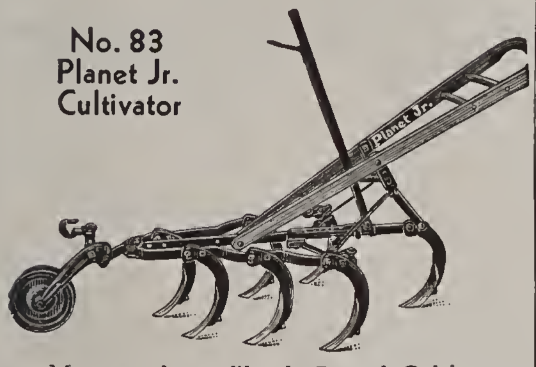


Planet Jr. 12-Tooth Harrow Cultivator and Pulverizer

With the 12-tooth Harrow, you go as deep or shallow as you like, and come up close to the row without injuring plants. You widen and narrow as you please, between 12 and 32 inches.

No. 90. Complete with lever, steel wheel, and pulverizer	$15 50
No. 90B. Without pulverizer	12 75
No. 90D. Without pulverizer and wheel	10 50

No. 83 Planet Jr. Cultivator



Many gardeners like the 7-tooth Cultivator because it prepares the soil better than does the 5-tooth machine. Price, complete with steel wheel, $12.75.

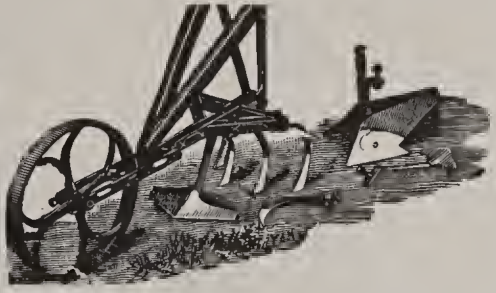
No. 83D. Price without wheel, $11.25.

Planet Jr. Horse Cultivator Teeth

All 8 in. long.

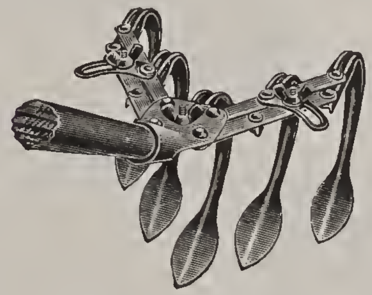
	Each		Each
1¼-in.	$0 17	3-in.	$0 21
1¾-in.	18	4-in.	27
2¼-in.	19		

Send for a copy of the
PLANET JR. CATALOG



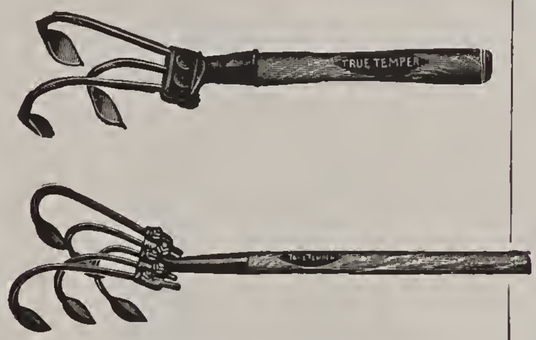
Gem Single Wheel Hoe

This is suited for almost any work in a garden. It weeds, hoes, hills, and harrows. Price, $7.75.



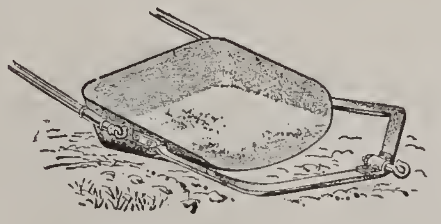
Pull Easy Cultivator

The teeth are adjustable to various widths; splendid for going between rows of young growing crops. Can be shipped by express or freight only. **No. P.E.5.** Price, $1.00.



Invincible Cultivator

This will be found a useful tool for weeding, loosening the soil, preparing seed-beds, etc. Price, with long handle, 3-prong, 90c.; 5-prong, $1.00.

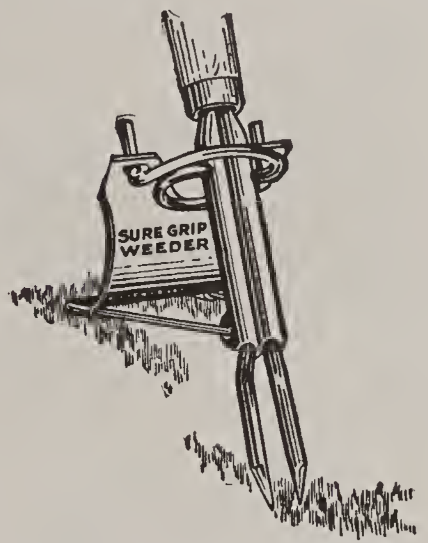


Steel Road Scoops

For dragging soil from one place to the other, grading, filling in, etc.

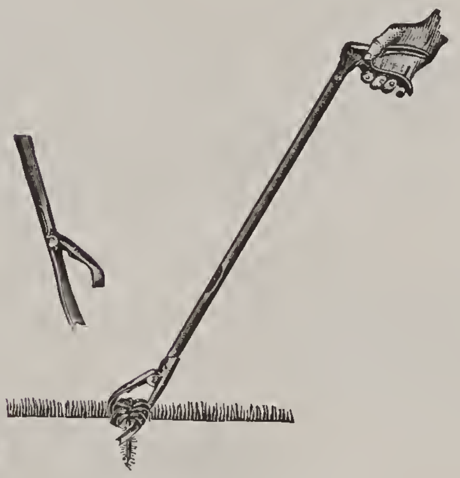
	Capacity	
No. 1.	7 cu. ft.	$11 00
No. 2.	5 cu. ft.	10 50
No. 3.	3 cu. ft.	10 00

ALL PRICES SUBJECT TO MARKET CHANGES



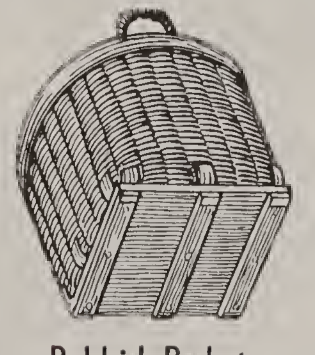
Sure Grip Weeder

Designed to pull both large and small weeds without injuring the lawn. Will not clog up; automatically releases the weed as soon as pulled. Fitted with 38-in. handle. Price, $1.50 each (by Parcel Post, $1.65).



Doo-Clip Weeder

A Weeder that allows you to stand in an upright position and still remove weeds positively, quickly, and accurately. Pinch-proof grip is mounted on a tubular steel handle. Blade of hardened tool steel, serrated and curved. After cut is made and withdrawal started, raker hook clamps weed so that it can be deposited where wanted. Price, $1.95.



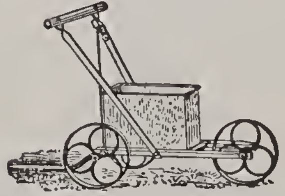
Rubbish Baskets

A Basket for gathering up rubbish and litter will be found a great convenience, especially when it is suited for the purpose. This Basket holds 3 bushels and can be carried or wheeled on a barrow. Price, with rope handles, $4.00 each.

A rubber-tired Wheelbarrow will lighten your load

MICHELL'S FARM AND GARDEN TOOLS

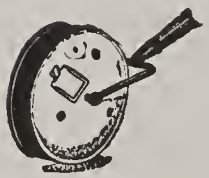
Tennis-Court Markers



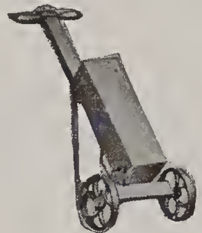
Junior Line-o-graph

Junior Line-o-graph. A perfect liquid lime Tennis-court Marker especially designed for private courts; works perfectly on grass or clay. Price, f.o.b. Philadelphia, $30.00; f.o.b. factory, $27.50.

Universal. Especially designed for football and polo grounds. Price, $60.00.



No. OX



No. 10

No. OX. The most practical Marker where dry lime is used. Price, $3.50 (by Parcel Post, $3.70).

No. 10. For marking clay courts and athletic fields with liquid lime. Not adapted to grass courts. Price, $20.00.

Commercial Whiting

An improvement over lime for marking tennis courts and athletic fields. Will not crack or curl and is less affected by rain. $1.75 per 50 lbs.; 100 lbs. $3.25; bbl. (250 lbs.) at $2.75 per 100 lbs.

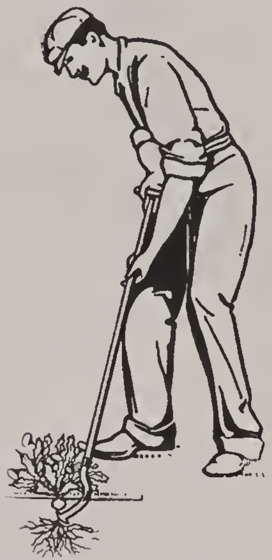
Lawn and Putting-Green Cleaner

The flexible rake bars are of wood, with steel springs and teeth. They rotate like a lawn-mower cylinder and clean up every particle of leaves, litter, or rubbish, throwing it into a large-capacity receptacle or bag in the rear.

Price, 24-in. Rake, or Sweeper, $30.00.

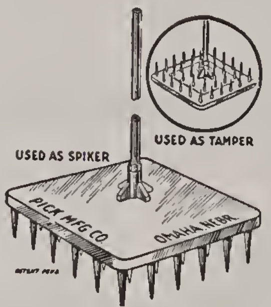
Please specify when ordering if wanted for lawns or putting-greens.

SWEEPING BRUSHES. Can be readily attached to the Rake for sweeping lawns, putting-greens, paths, etc. Price per set of three, 24-in., $9.00.



Ideal Dandelion Extractor

This simple device is the best thing of its kind ever used for taking weeds out of the lawn. It will be seen that it is not necessary to get down on hands and knees to operate it. The cutting blade is of the best steel, equipped with a convenient handle, so that either man, woman, or child can use it. 45c. each (by Parcel Post, 55c.).



SPIKE TAMP

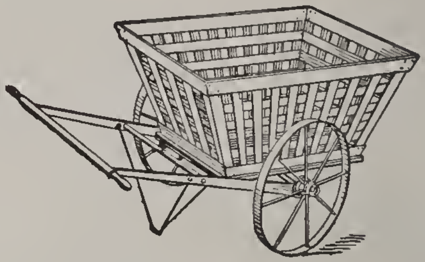
"THE LAWN MAKERS' FRIEND"

A combined perforator and tamper made of malleable iron. By loosening one nut it can be converted from spiker to tamper. Plates 9 in. square. Spikes 1¾ in. long. Length overall, 4 ft. Weight, 13 lbs. Price, $3.50 each.

Barrel Trucks, Etc.

The Truck is constructed so that the Barrel may be detached quickly and the leaf rack attached.

Truck with 3½-in. tires, all-iron wheels, with Barrel	$27 00
Extra Barrels, with trunnions, open head	7 00



Wood Leaf Racks

Excellent for gathering leaves, litter, grass, etc. They can be attached to a water-barrel truck, as shown.

Leaf Rack only, no truck	$10 50
Leaf Rack with 3½-in. tire truck	30 50
Truck with 3½-in. tire wheels, no rack or barrel	20 00

Keystone Leaf Rack

This device can be used on wheelbarrows with removable sides. Convenient for gathering leaves, cut grass, and rubbish. Has a capacity of 10 bushels; made of galvanized wire, bolted to a wooden base. Price, not including wheelbarrow, $8.50.

Great American Wheelbarrow

Wheelbarrows

The measurements of Barrows indicate: length, meaning inside length of body; depth, inside depth at front; width, outside width at handles.

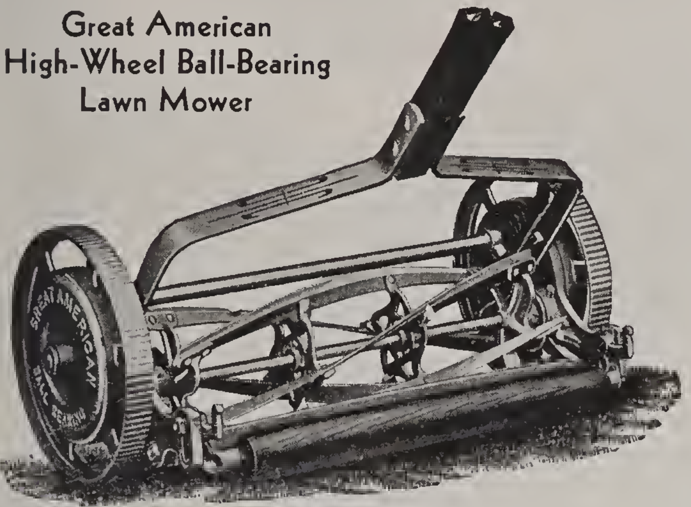
Great American Wheelbarrow.

	Tire In.	Length In.	Depth In.	Width In.	
No. 1	2¾	30	12	25	$9 00
No. 2	2¾	28	12	24	8 00
No. 3	2¾	26	12	22	7 50
No. 4 (Boys)	1¾	22	9	18	5 75

Great American, No. 2. Equipped with pneumatic rubber-tire wheel	14 00
Canal. Side dump (bolted)	5 00
Special Greenhouse Style. Narrow body and handle width	10 50

MICHELL'S HIGH-GRADE LAWN MOWERS

Great American High-Wheel Ball-Bearing Lawn Mower

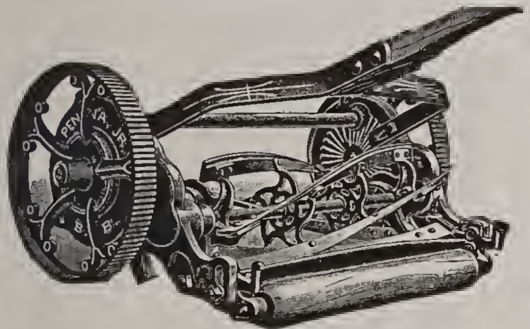


Great American High-Wheel Lawn Mower

This is the best all-round Mower of its type made; one of the greatest sellers of all time. It has 5 extra-wide crucible tool steel blades, oil hardened and tempered; lower blade with raised edge. Braun self-aligning ball-bearings, hardened steel cup and cones, eccentric screw adjustment with positive lock; internal gear on each wheel; steel wheel axle screwed and bolted to side plate. Can be regulated to cut grass at a height of from ½ to 1½ inches. High wheel, 10 inches in diameter.

15-in. cut	$15 00	19-in. cut	$19 00
17-in. cut	17 00	21-in. cut	21 00

Pennsylvania Jr. Ball-Bearing Mower



For best results from this machine, which does exceptionally fine work, the lawn should be mowed at regular intervals. This Mower cuts the grass shorter than the 4-bladed machine, hence the lawn requires mowing at stated periods when the grass is growing rapidly.

8-in. or low wheel; 5-blade cylinder, 5½-in. diam.

12-in. cut	$14 50	16-in. cut	$18 50
14-in. cut	16 50	18-in. cut	21 50

10-in. or high wheel; 5-blade cylinder, 6-in. diam.

15-in. cut	$20 00	19-in. cut	$25 00
17-in. cut	22 00	21-in. cut	28 00

We can also supply the Pennsylvania Standard High Wheel in same sizes and prices as above.

The Continental Lawn Mower

The regulation style for every-day lawns. The Continental has 3 cut gears on both sides. High wheel, 10½-in. diam.

15-in. cut	$20 00	19-in. cut	$25 00
17-in. cut	22 00		

Invader Lawn Mower

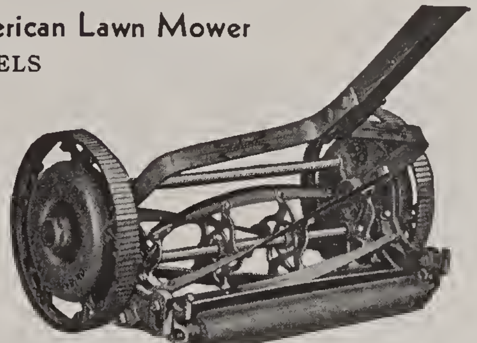
A Pennsylvania-made Mower at a low price, to meet present-day conditions; 10-in. wheel, 6-in. cylinder, solid type; 4 hardened steel blades; ball-bearing with automatic spring adjustment. 16-in. cut. Price, $7.50.

Pennsylvania Mower, Super Roller Type (1937 Model)

This new Mower for golf greens is the last word in lawn-mower construction. It has 7 crucible steel blades in a high-speed cylinder, aluminum driving drums and train of cut gears running in a grease-tight case. Intermediate gear and front caster wheels on hardened steel bushings; drums, cylinder, and front caster wheels on ball-bearings. The Super Roller Mower is light running, easy to push, and cuts without ridging the greens. Weight, only 55 pounds. One size only, 18-in. cut. Price, $50.00. Grass Box, $8.00; Carriage, $5.00.

Super-Great American Lawn Mower

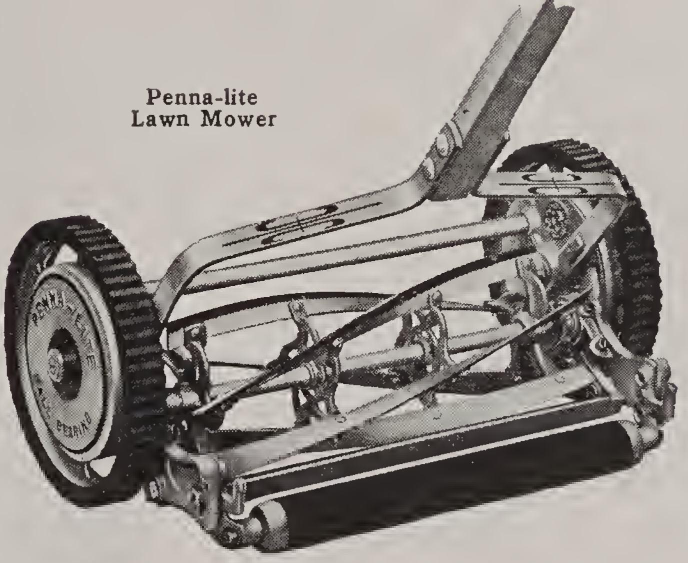
BALL-BEARING WHEELS AND CYLINDER



A high-class machine having all the proved qualities of the popular Great American and ball-bearings in the drive wheels, steel axles, and several other improved fittings. 10-in. wheels; 5 crucible steel blades, extra wide.

15-in. cut	$17 00	19-in. cut	$21 00
17-in. cut	19 00	21-in. cut	23 00

Penna-lite Lawn Mower



Penna-lite Aluminum Built Ball-Bearing Mower

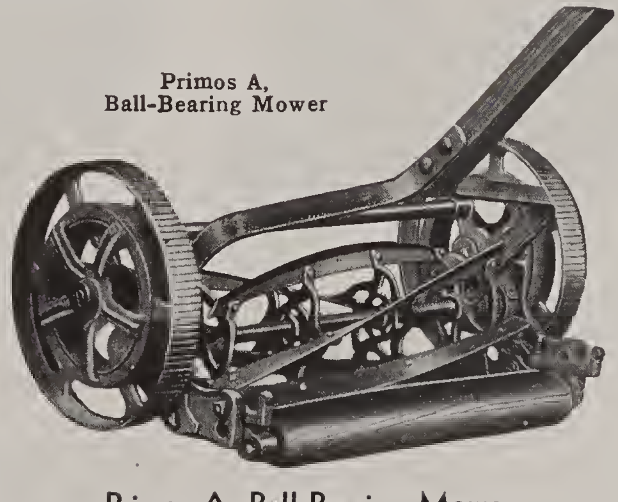
Constructed of tough aluminum alloy castings; the lightest Lawn Mower made. Five crucible steel blades, oil hardened and tempered. Fitted with high-grade rubber tires with deeply corrugated tread; wheels are full 10-in. diam. over all. The roller is encased in a rubber tube ⅛in. thick and the bearings are fitted with fiber bushings, easily replaced. 17-in. cut. Price, $17.50.

Orchid Ball-Bearing Lawn Mower

A fine, moderately priced, high-wheel machine, internally driven, making it easy running. Equipped with the best crucible steel blades; 10-in. wheels.

17-in., 5-blade cylinder	$11 50
17-in., 7-blade cylinder	16 00

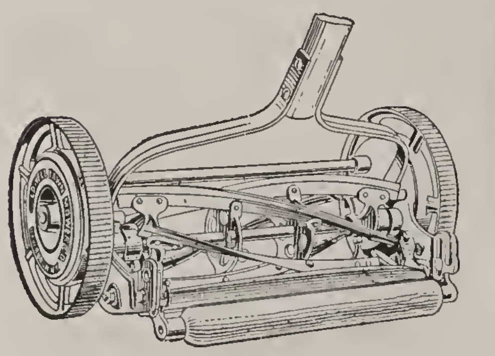
Primos A, Ball-Bearing Mower



Primos A, Ball-Bearing Mower

An honestly built household Mower, high quality, yet in the competitive price class. 6-in. diam. cylinder; 5 crucible steel blades; 10-in. wheels; 16-in. cut. Price, $8.75.

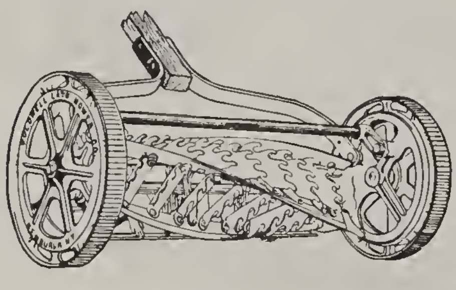
MICHELL'S HIGH-GRADE LAWN MOWERS, ETC.



Interstate Ball-Bearing Lawn Mowers

This is a medium-priced, substantially built Mower, recommended for general use. It is equipped with large bearings, which makes for ease in operation and insures a long period of usefulness. 10-in. diam. wheels; revolving cutter, 6-in. diam., with 5 heat-treated blades.

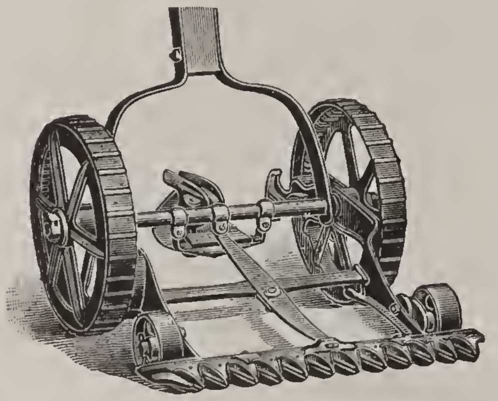
14-in. cut.....$8 75 | 18-in. cut.....$9 75
16-in. cut..... 9 25 |



Mokleen Chief Lawn Mower

A first-quality Mower, with a device designed to draw weeds into a position to be cut by the revolving knives. This insures the cutting of weeds and other high grasses not readily cut with a hand Mower. 10-in. diam. wheels; 6-in. diam. revolving cutter with 4 heat-treated steel blades.

16-in. cut....$13 00 | 18-in. cut....$14 00

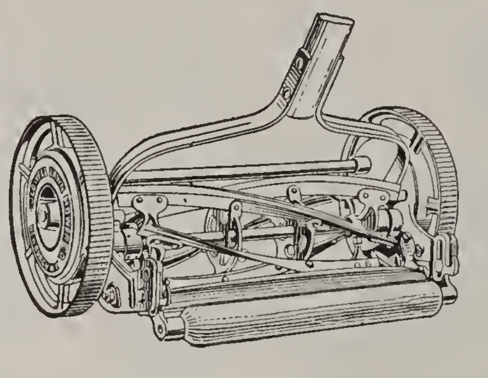


Clipper Lawn Mower

The wheels travel over ground where the grass is cut, never rolling down the standing grass with the wheels, as other Lawn Mowers do. The small-gauge wheels at the side are to gauge the height you wish to cut the grass.

15-in. cut....$13 00 | 18-in. cut....$15 00

ALL PRICES SUBJECT
TO MARKET CHANGES



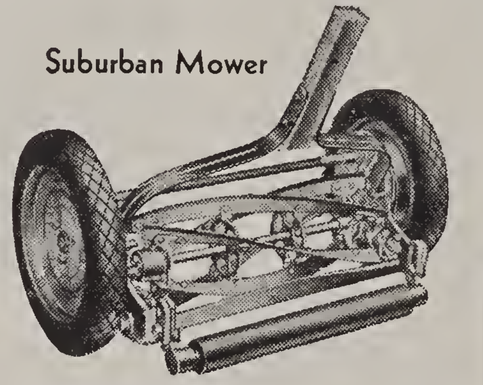
Ambassador Mower

BALL-BEARING

A quality Mower of medium weight, useful as a general all-purpose machine for well-kept lawns. Handy on both small grass plots and larger areas, and requires minimum attention. A popular Mower for gardeners and institutional requirements. 10-in. wheels; 5-blade cylinder.

14-in. cut....$16 00 | 18-in. cut....$18 00
16-in. cut.... 17 00 |

Suburban Mower

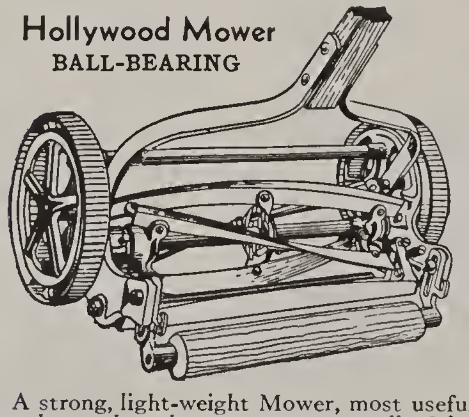


A popular-priced, high-grade Lawn Mower of unusual quality, with modern features. Quiet and easy running; has pneumatic tires, rubber-covered guard roller, and ball-bearings. 10-in. wheels; 5-blade cylinder.

14-in. cut....$12 25 | 16-in. cut....$13 25

Hollywood Mower

BALL-BEARING

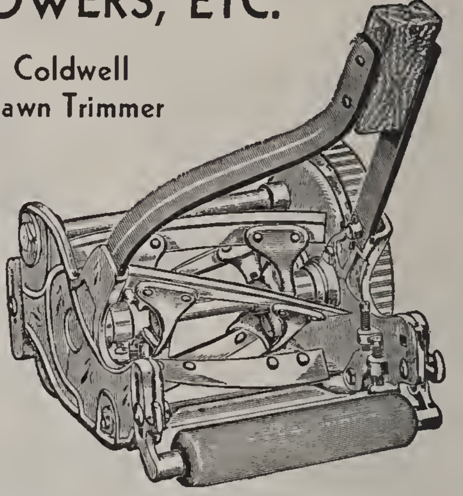


A strong, light-weight Mower, most useful for those whose lawn areas are small. 8-in. diam. wheels; revolving cutter, 5-in. diam., with 4 blades. One size only, 12-in. cut. Price, $6.25.

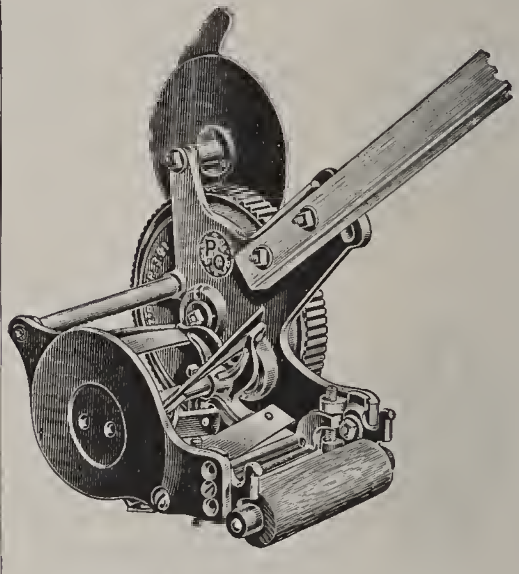
Wm. Penn All-Steel Ball-Bearing Mower

All castings are malleable iron (commonly known as "all-steel") and are positively unbreakable. It has a 10-in. closed wheel and the cylinder, 6 in. in diam., has 5 crucible tool steel blades, driven by an internal gear in each wheel and extra-wide hardened steel pawl. One size only, 17-in. cut. Price, $15.50.

Coldwell Lawn Trimmer



This is a small special Mower with a straight side, designed for trimming around the edges of walks, flower-beds, and borders. 6-in. diam., 5-blade revolving cutter, mounted on ball-bearings; cuts an 8-in. swath. Price, $8.50.



Pennsylvania Combined Trimmer and Edger

This machine, consisting of the Ball-bearing Trimmer, equipped with a steel disc and a small plow, will trim the overhanging grass along the edges of paths and flower-beds, relieving the gardener of work with hand shears or a grass hook. Cutting width, 6 in. Price, $9.00.

Pennsylvania Undercut Lawn Trimmer

The unique construction of the Undercut Trimmer permits cutting not only close to a wall, fence, tree, etc., but it will get the grass under a fence or rock, cut base of tombstones, house foundations, and other places hitherto out of reach of anything but hand shears. The slanting sideplate and conical cylinder make it possible to cut all grass which the regular lawn mower will not reach. Ball-bearing, with 9½-in. drive wheel; 4-blade cylinder. Price, $10.50.

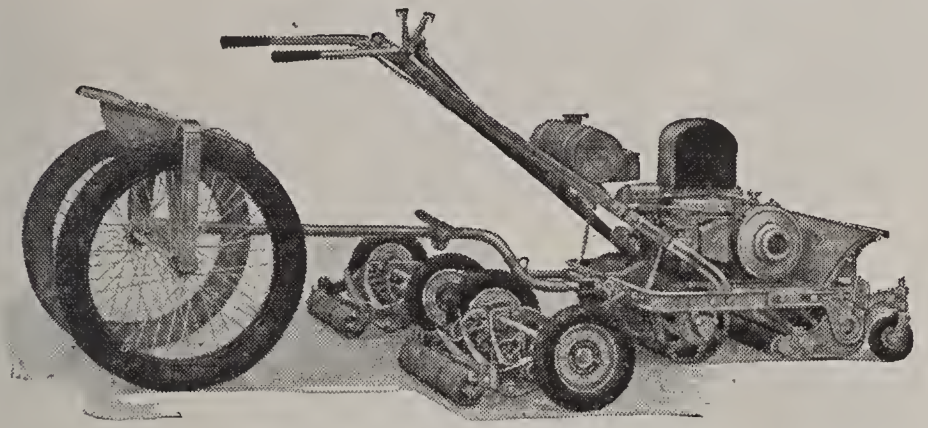
Grass Catchers

Easy Emptying. Short iron handle, round back, galvanized sheet steel bottom, heavy duck sides.

		By Parcel Post
No. G10. For Mowers 12 to 16-in.	$1 25	$1 50
No. G12. For Mowers 17 to 22-in.	1 50	1 70

If you sow Michell's Lawn Seed, you will need a good mower

MICHELL'S MOTOR LAWN MOWERS, ETC.



Coldwell Motor Mower, Super L Twin 60

Coldwell Motor Mowers

Coldwell Power Lawn Mowers are especially designed to mow your lawn with the greatest ease and economy of time. A light rolling when cutting (two machines in one) produces that even, velvety appearance which everyone desires and demands on a well-maintained lawn.

Coldwell Power Lawn Mowers are manufactured complete in the Coldwell plant. The engines are single and twin cylinder, water-cooled by radiator and fan. The chassis is electrically welded structural steel with a sectional drive roller and a flexible power-driven cutting unit. Dual control levers conveniently located on the handle operate the roller and revolving cutter. Anyone can operate them.

Coldwell Power Lawn Mowers will not mar the lawn in turning. You can trim around the trees, shrubs, flower-beds, walls, and along the borders, walks, and driveways. Close, medium, and long cut grass can be made by a simple adjustment on the cutting unit. Greater capacity of cut is obtained by the addition of gang units. These units are readily attached and easily removed as conditions warrant their use. The engines have sufficient power for grades up to 45 per cent.

Super Twin 30. This is a combined lawn mower and roller, having a capacity of from 6 to 8 acres per day; extremely flexible, making it easy to cut close up to and around trees, shrubbery, walks, etc. The drive roller is full width and is built in two sections. The two-cylinder, four-cycle, water-cooled motor provides an abundance of power for climbing steep grades.

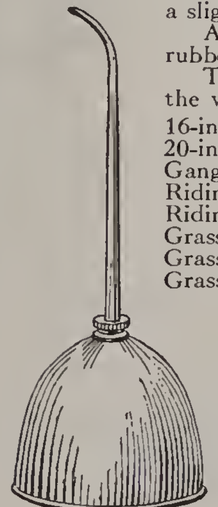
Super L Twin. An exceptionally powerful twin-cylinder power lawn mower and roller, combining flexibility with large capacity; equally well suited for cutting small plots or trimming or mowing wide open stretches of lawn.

L Junior. A light-weight, simple, and dependable power mower and roller, of good capacity, at a moderate price.

The regular line of Super Twin standard models will be offered the same as in the past. In addition, we will offer them with thick-grooved, hard rubber-covered drive rollers and casters, that will also contain the glide attachment, and be priced accordingly. In connection with the single-cylinder line, there has been developed the single-cylinder De Luxe models, equipped with two drive wheels and enclosed differential with 4-ply heavy-duty Goodyear All-Weather tread pneumatic tires. The caster rollers will also be equipped with pneumatic tires, mounted on ball-bearings. The Junior 30 De Luxe will be built with dual drive wheels, two on each side of enclosed differential. All machines can be furnished with rubber pneumatic-tired wheels in place of the regular steel equipment, at a slight additional cost. Mowers equipped with pneumatic tires will be known as the De Luxe models.

L Junior.	25-in. cut	$260 00
L Junior.	30-in. cut	300 00
Super L Twin.	25-in. cut	335 00
Super L Twin.	With rear gang, 60-in. cut	415 00
Super Twin 30.	30-in. cut	385 00
Super Twin 30.	With rear gang, 65-in. cut	465 00

Any of the above can be furnished in the De Luxe equipment, which consists of four pneumatic-tired wheels instead of the steel wheels, also pneumatic-tired caster wheels, at a slight additional cost.



Also the R. R. equipment, which consists of hard rubber roller and hard rubber caster wheels, at a slight additional cost.

The Super Twin models can be furnished with extra gang units to increase the width of the cutting space to 60 or 100 inches.

16-in. Gang Units, $25.00 each.
20-in. Gang Units, $35.00 each.
Gang Hitch for attaching units, $10.00 each.
Riding Sulkies, with pneumatic-tired, wired wheels, heavy duty, $40.00 each.
Riding Sulkies, with pneumatic-tired, wired wheels, light duty, $25.00 each.
Grass Boxes for 30-in. models, $20.00 each.
Grass Boxes for 25-in. models, $18.00 each.
Grass Boxes for Cub, $13.00 each.

All above prices are f.o.b. Philadelphia

Gem Oil-Cans

Finished, Brazed Steel

	Capacity	Spout	
No. 1706	8 oz.	6-in. bent	$0 50
No. 1706	8 oz.	6-in. straight	50
No. C14AA	8 oz.	5-in. bent, copper	25
No. 1606	⅓pt.	6-in. bent, steel	40
No. 1606B	⅓pt.	6-in. bent, brass	75

If Oil-Cans are wanted by Parcel Post, add 10c. each.

Coldwell Cub Power Mower

Coldwell Cub Power Lawn Mower

21-in. detachable cutting front and full-width 2-section roller. Engine is single cylinder, equipped with Bosch magneto, Tillotson auto type carburetor oil pump and Zerk lubrication. Clutches run in oil. Differential gears enclosed and contains gear lubricant. Governor control on motor maintains constant speed and adjusted to operate at 1¾, 2¾, and 3½ miles per hour.

Horse power—1½ brake horse power at 1200 r.p.m. Motor enclosed and all working parts lubricated by oil pump. Blades in reel—5 blades of high carbon alloy steel. Diam. of reel, 7 in. Bed knife chrome alloy heat-treated steel. Can be furnished with 7 blades at a slight extra cost.

Price, $215.00.

F.o.b. Philadelphia

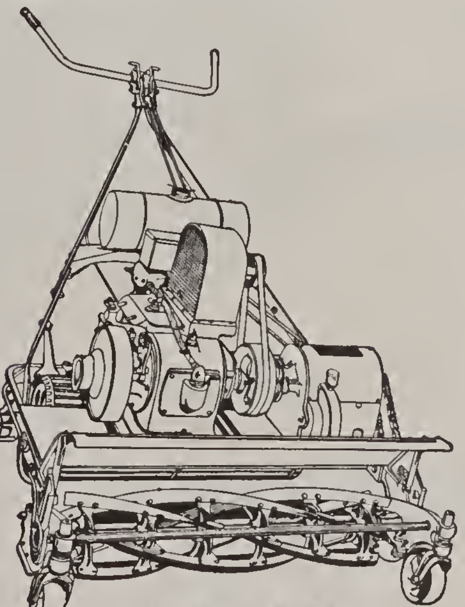
Country Gentleman Motor Mower

A high-grade Motor Mower, similar in design to our standard models. Single-cylinder, double reduction dry clutch with three speed governor control. Floating front with 5 blades, 6-in. diam., revolving cutter made in wheel and roller-driven type. Capacity, 1½ to 2½ acres per day. Width of cut, 21 in. Gas consumption, one gal. per 10 hrs. of running.

Price, with steel traction wheels, $167.50.
Price, with iron roller, $182.50.
25-in. cut, with iron roller only, $231.00.

F.o.b. Philadelphia

Can be furnished with pneumatic tires for $15.00 extra.



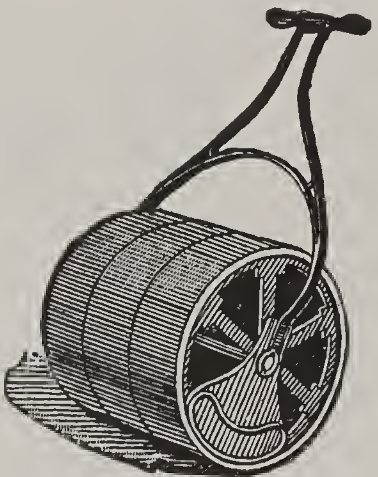
Super Twin 30 Mower

Lawn-Mower Oil

Pure Oil that will not gum or get stocky is an essential for the satisfactory operation of every Mower. The Oil sold by us has been selected with this point in view. Pt. 25c.; 35c. per qt.; ½gal. 65c.; $1.00 per gal.; 5 gals. $4.25. *Lawn-Mower Oil cannot be mailed.*

MICHELL'S LAWN ROLLERS, ETC.

It is essential to roll the lawn when the frost is permanently out of the ground, and again several times during the season. A first-class Roller will prove a good investment, as it will last almost a lifetime, especially if it is put under cover when not in use.



Keystone Hand Lawn Rollers

Drums are equipped with 5 spokes; the face is ground smooth and carefully finished. The steel roller-bearings are mechanically constructed, making the Roller operate so easily a child can handle it. The handle is made of steel and hard wood; is equipped with a balance weight, so that it is always in an upright position. The drum or Roller part has a bevel edge so that it cannot tear up the lawn or ground when being turned.

	Diam. in.	Length in.	Sections	Weight lbs.	
No. 501	15	15	2	175	$18 00
No. 502	15	22	3	250	20 00
No. 504	20	20	2	250	23 50
No. 507	20	24	2	300	28 00
No. 508	20	30	3	350	32 50
No. 509	24	20	2	400	37 50
No. 511	24	24	3	450	42 00
No. 512	24	30	3	500	45 00
No. 514	28	24	3	500	45 00

Keystone Golf-Ground and Lawn Horse Rollers

Made of cast-iron, carefully finished with beveled-edge drums; equipped with shafts for one horse or tractor hitch. All sizes are equipped with weight boxes to permit the Roller being made to weigh heavier than it is when factory finished.

	Diam. in.	Length in.	Sections	Weight lbs.	
No. 341	24	40	4	800	$95 00
No. 342	24	50	5	950	110 00
No. 370	20	60	5	1150	115 00
No. 372	24	60	5	1450	135 00

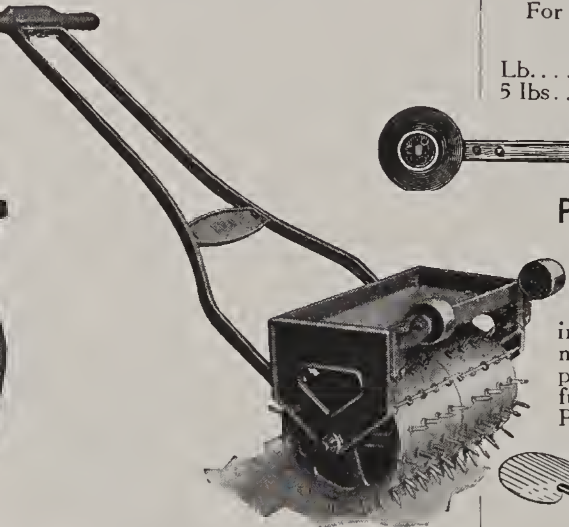
We can also supply heavier Rollers for land and golf-ground use.

Prices on the above are f.o.b. factory. Nos. 341 and 342 can be furnished with shafts for horse-drawn only. Nos. 370 and 372 with horse or tractor hitch.

Keystone Water-Ballast Rollers

Fill with water to weight it up to any number of pounds desired, as shown above. The same Roller can thus be used for soft turf, firm lawns, or for rolling the driveway and tennis court. Equipped with a device for keeping handles stationary. Ball axle bearings.

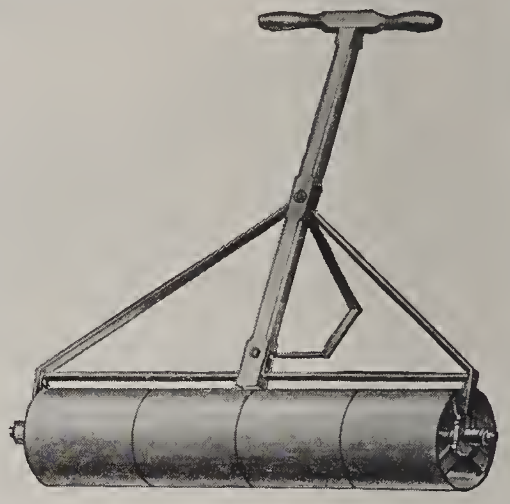
	Sections	Diam. in.	Length in.	Weight Empty	Weight Filled	
No. 601	1	14	24	60	250	$13 50
No. 602	1	18	24	85	330	15 50
No. 603	1	24	24	100	440	17 50
No. 604	1	24	32	135	590	18 50



Michell's Spike-Tooth Roller

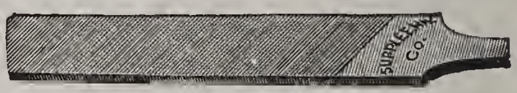
No. 706. For aërating the sod on golf courses, putting-greens, parks, and large lawns. 18 in. wide, made in two sections; diam. 9 in.; weight, 70 lbs. Made of seasoned oak staves with cast-iron heads. Closely covered with steel spikes. Steel top and frame so constructed that sand bags can be used for additional weight. Carrying wheels for turning or moving. Price, $27.50.

Parcel Post charges where named are for shipment to the First and Second Zones; for other Zones, please see Parcel Post Table, page 1.



Putting-Greens Roller

No. 700. Greens-keepers have found that a Roller about 4 ft. wide, weighing about 160 lbs., is right. Evenly surfaced; will not leave a mark or ridge on the greens. Made of cast steel in 4 sections. Price, $25.00.



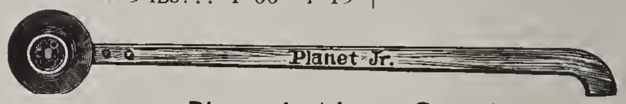
Flat Files

For sharpening lawn mowers.	Each	By Parcel Post
8-in.	$0 35	$0 45
10-in.	40	50
12-in.	75	85

Emery

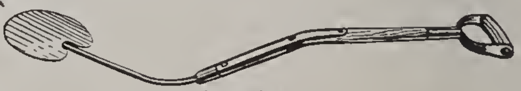
For sharpening lawn mowers.

		By Parcel Post
Lb.	$0 25	$0 35
5 lbs.	1 00	1 15
10 lbs.	$1 75	$1 95

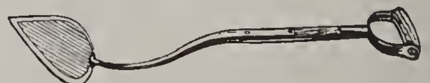


Planet Jr. No. 2 Grass Edger

A simple steel disc device, with a flange that runs on the cement path, to cut away the grass which hangs over the edge of the walk. This revolving disc operates very easily and does not cut away any of the soil, which some people object to. Can be used successfully on straight or curved cement paths. Price, $1.50 (by Parcel Post, $1.65).



American



English

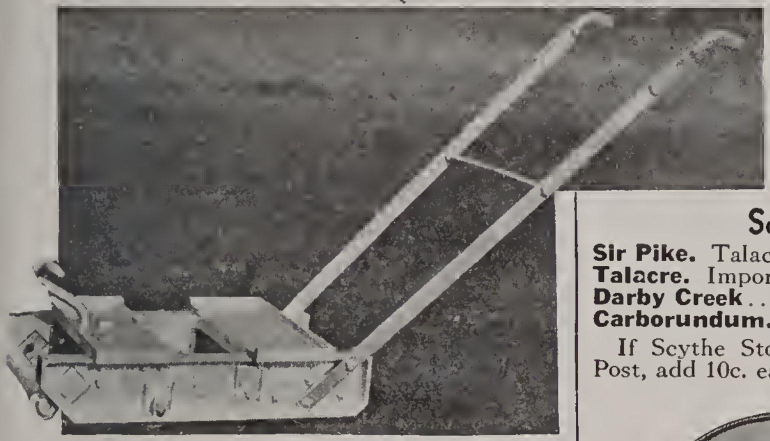
Turf or Sod-Lifters

At times, it is more desirable to sod a bare or worn-out spot on the lawn or grass-plot than to sow it with grass seed. Our Sod-lifters are made of the best steel and will last a long time.

American. Steel blade, with an 18-in. steel shank and wood D handle. Price, $2.00 each (by Parcel Post, $2.35).

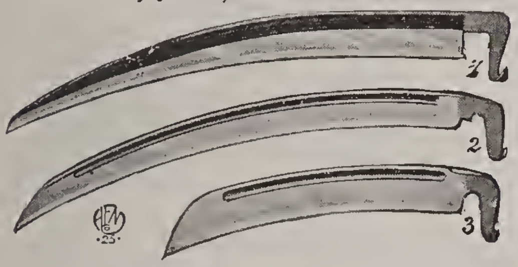
English. No. 275. Price, $6.00 each. (Not mailable.)

MICHELL'S LAWN AND GARDEN ACCESSORIES



Champion Sod-Cutter

The best and most satisfactory machine on the market. This machine will cut in one hour as much as two men can cut in a day. The machine is so constructed that it can be adjusted to cut the sod to a uniform thickness, 1 to 2 inches; has a reversible knife. Price, $55.00. Extra knives for above, $12.50 (by Parcel Post, $12.70).



Key to illustration: No. 1, English; No. 2, American; No. 3, Little Giant Brush

Scythes

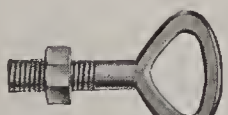
The Little Giant is the best American-made Scythe for field and heavy grass work.

Little Giant. 32-in.	$2 00
34-in.	2 00
36-in.	2 00
Little Giant Brush or **Briar**	2 00

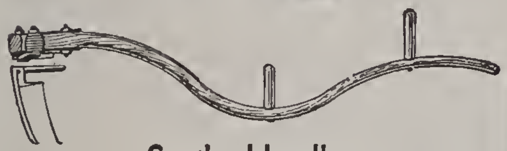
The English Scythes are best for fine grass or lawn work.

English. 32-in.; rivet back	2 75
34-in.; rivet back	3 00
36-in.; rivet back	3 50

If Scythes are wanted by Parcel Post, add 20c. each for postage.

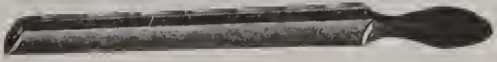


Snath Clip



Scythe Handles

No. 50. Made of hard wood, well finished. **Regular Scythe style.** Price, $2.00.
Snath Clips. Price, 25c. (by Parcel Post, 30c.).

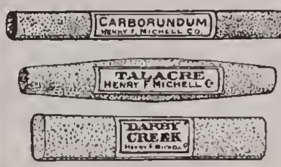


Carborundum Rifle

Price, 35c. each (by Parcel Post, 45c.).

Carborundum Files

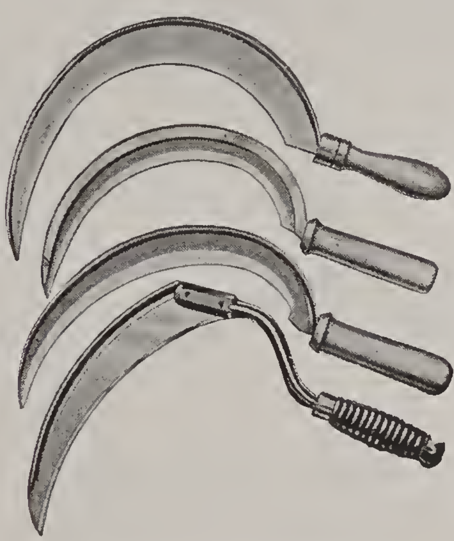
No. 57. Price, $1.00 ea. (by Parcel Post, $1.10).



Scythe Stones

	Each	Doz.
Sir Pike. Talacre Style	$0 30	$3 50
Talacre. Imported	50	5 75
Darby Creek	25	2 75
Carborundum. Very fine	30	3 50

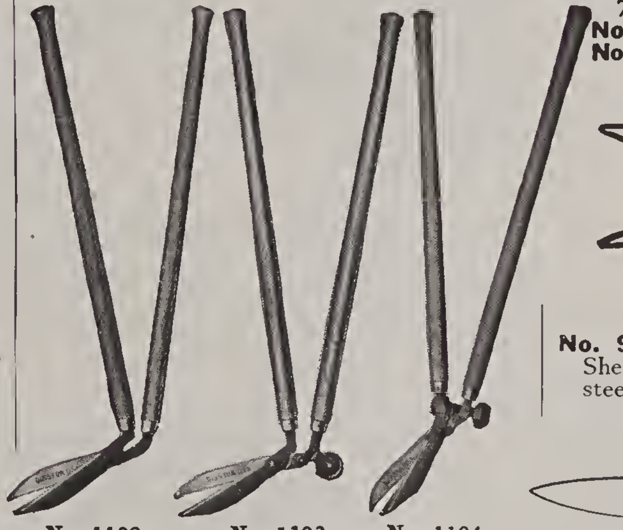
If Scythe Stones are wanted by Parcel Post, add 10c. each for postage.



Sickles or Grass Hooks

Dutch or **German.** No. 2	$0 70
English Rivet Back. No. 2	1 00
English Rivet Back. No. 3	1 00
English Solid Back. No. 2	75
Little Giant	70

If wanted by Parcel Post, add 15c. each for postage.



No. 1102 No. 1103 No. 1104

Border Shears

Made of finest American steel. They take the place of edging knives and avoid the necessity of doing much stooping. The Shears without wheel work equally as well as those equipped with wheel; this feature is an item of individual preference only.

No. 1102. 9-in. Without wheel	$3 75
No. 1103. 9-in. With one wheel	4 25

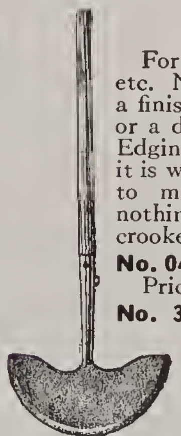
Handles for Border Shears. $1.00 per pair.

Lawn Shears

For trimming under shrubbery, fences, and other out-of-the-way places. The two wheels permit the Shears to move over the ground freely, backward and forward.

No. 1104. 8-in. blade; long handle. Price, $3.75.

Edging Knives

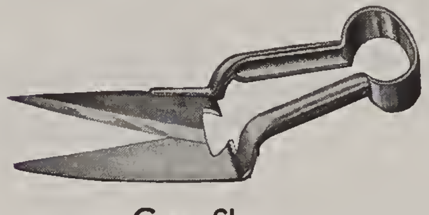


American

For trimming edges of paths, etc. No other implement will put a finish to a grass border, a walk, or a drive edged with sod like an Edging Knife. On straight work, it is well to use a garden line so as to make a first-class job, for nothing looks so bad as edging in a crooked line.

No. 040. American. With handle. Price, $1.25.

No. 3863. English. 9-in., with handle. Price, $2.50. American Knives are not mailable. English Knife without handle can be mailed by Parcel Post for 10c. extra.

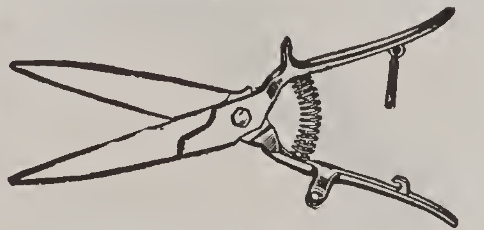


Grass Shears

Do not buy cheap Grass Shears. They do not last long, nor do they keep a sharp edge which is essential in trimming grass. Our list comprises the best makes.

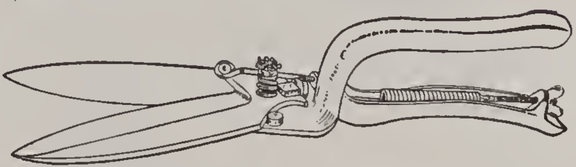
If wanted by Parcel Post, add 10c. each for postage.

No. 235. American. 6-in.	$0 50
No. 012. American. 6-in.	1 25
No. 114. English. Trowel shank handle. 7-in.	2 50
No. 113. English. Straight handle. 7-in.	2 00
No. 0267. American. 5½-in.	90
No. 0267. American. 7-in.	1 25



Michell's Grass Shears

No. 90. Cuts grass easier than ordinary Shears. Built like hair-cutters; blades forged steel. Price, 75c. (by Parcel Post, 85c.).



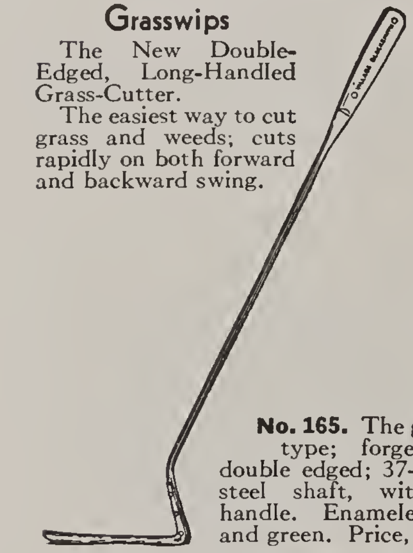
Level-Cut Grass Shears

Full hollow ground. Price, $1.25 (by Parcel Post, $1.35).

Parcel Post charges where named are for shipment to the First and Second Zones; for other Zones, please see Parcel Post Table, page 1.

MICHELL'S LAWN AND GARDEN ACCESSORIES

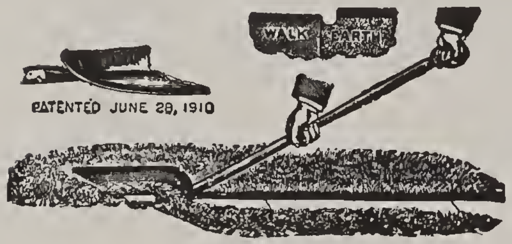
Grasswips



The New Double-Edged, Long-Handled Grass-Cutter.

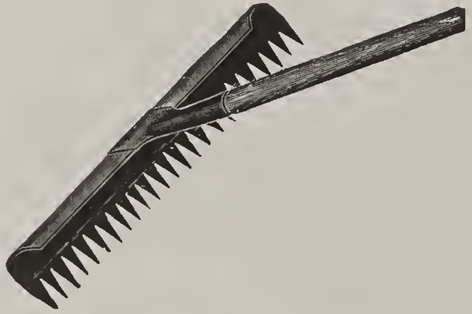
The easiest way to cut grass and weeds; cuts rapidly on both forward and backward swing.

No. 165. The gooseneck type; forged blade; double edged; 37-in. round steel shaft, with maple handle. Enameled in red and green. Price, $1.00.



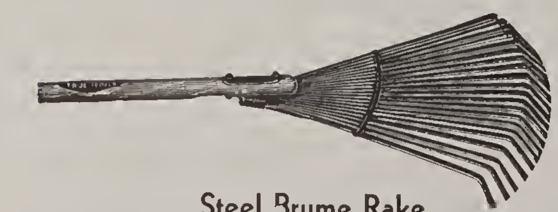
No. 136, Imperial Lawn-Edge Trimmer

With this tool the rough, straggling, overhanging grass along the edges of the walk can be trimmed in a few minutes. It plows a clean U-shaped trench, delivering the cutting on the sidewalk. The edges along the curbing and walk of an 80-foot lot can be trimmed in twenty minutes, leaving the whole surroundings neat and attractive. Price, $1.50 (by Parcel Post, $1.65).



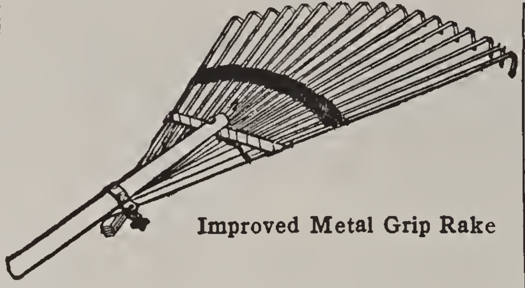
Lawn and Dandelion Rake

No. LDR. Curved saw-tooth head; 26 teeth; width of head, 15½ in.; 5-ft. handle; steel braces. Designed for use in raking or cleaning lawns and yards. Teeth will not tear the grass roots and will exterminate dandelions by cutting off blossoms before seeds mature. Price, $1.00.



Steel Brume Rake

Spring steel teeth; will remove the smallest leaves and litter. Price, $1.00.

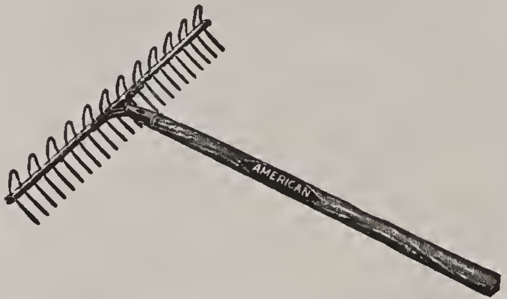


Improved Metal Grip Rake

Bamboo Rakes

Made of split bamboo, rigidly secured, with handle. Just the thing for cleaning grass clippings from walks, flower-beds, borders, and the lawn.

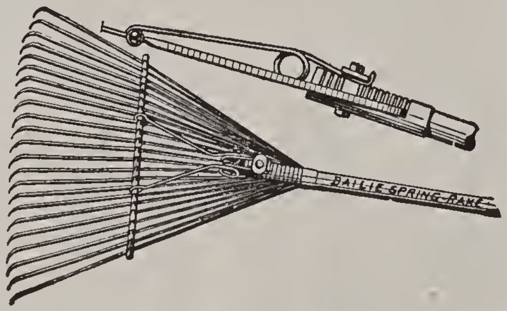
18-in. With bamboo handle (old style)	$0 35
18-in. With hardwood handle	75
24-in. With hardwood handle	1 00
30-in. With hardwood handle	1 50



Wire Lawn or Grass Rake

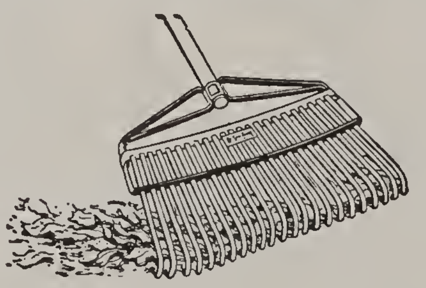
Made of heavy tinned steel wire. The Rake is reversible, and excellent for lawn or walk work.

No. 124R.	24-tooth	$0 85
No. 36LR.	36-tooth	1 50



Bailie Spring Rake

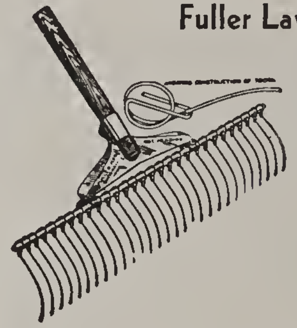
Fitted with extra-heavy spring from handle to spacer. Has 24 teeth made from spring wire, slotted and keyed throughout. Ideal for lawn or driveway. Price, $1.75.



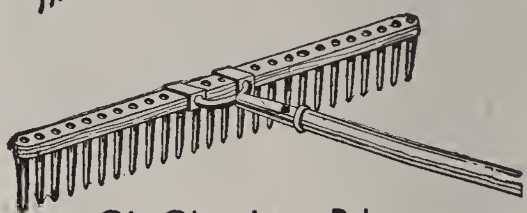
Lawncomb Rake

The Lawncomb cleans your lawn without injuring tender growing grass. Frame is one-piece steel construction; electrically welded ends. 20-in., natural-finish handle. Price, $1.60.

Fuller Lawn Broom

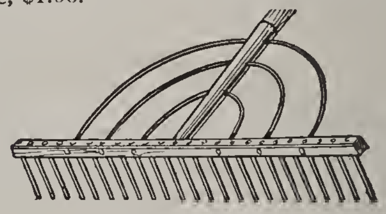


Well made of good material. Has 28 flexible, spring steel teeth, ¾ in. apart. Price, $1.50.



Ole Olsen Lawn Rake

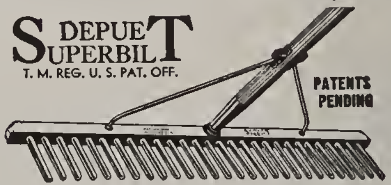
Made of best hardwood, well braced; teeth set close together. 26-tooth, hickory wood. Price, $1.00.



Ames, No. 37X Rake

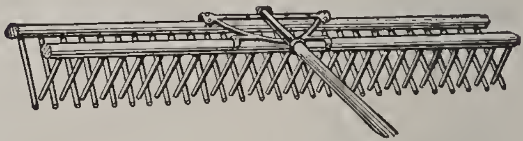
Wooden Rakes

Ames, No. 37X.	28-tooth; steel bows.	$1 25
Ames, No. 30X.	14-tooth; hardwood.	90



Depue Superbilt Rake

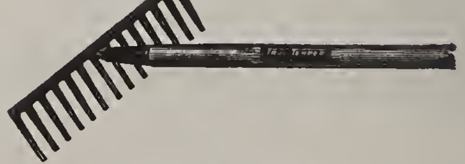
The finest wood lawn Rake ever offered. The head of the tool and the handle are of straight-grained ash; the 28 teeth of hickory. Price, $2.00.



Automatic Lawn Rake

A backward motion of the operator clears all the teeth at once.

No. 226.	Wood; 26-tooth	$1 65
No. 238.	Wood; 38-tooth	1 85



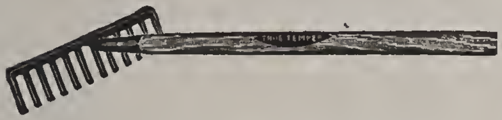
Steel Garden Rakes

Made of best cast steel, with long teeth.

No. 12.	12-tooth	$1 00
No. 14.	14-tooth	1 10
No. 16.	16-tooth	1 15
No. 18.	18-tooth	1 20

A set of these different Hoes will lighten the chores

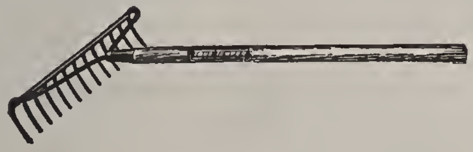
MICHELL'S LAWN AND GARDEN ACCESSORIES



Steel Gravel Rakes

These Rakes are used for road-making and for paths. Having short teeth, they do not gather up stones or gravel.

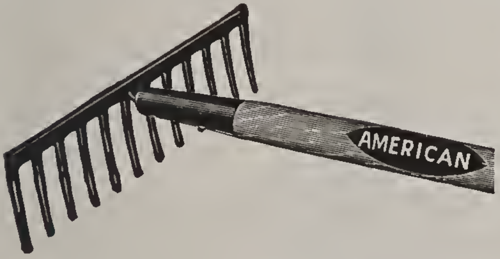
No. G14.	14-tooth	$1 25
No. G16.	16-tooth	1 35



Steel Bow Rakes

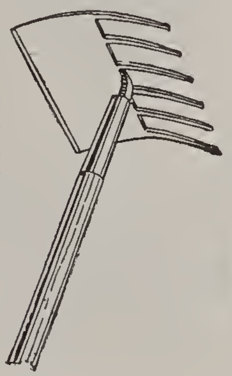
Preferred by many to the regular garden Rake, the teeth being slightly bent toward the operator.

No. B12.	12-tooth	$1 20
No. B14.	14-tooth	1 25
No. B16.	16-tooth	1 35



Michell's Excelsior Steel Garden Rake

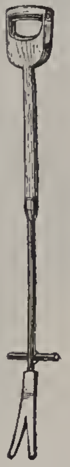
Nicely balanced; 16-tooth only. Price, 75c.



Hoe and Rake
(Combined)

An excellent tool for ladies, combining simplicity and utility. Made of the very best steel, which will outlast several cheaper tools of the same class.

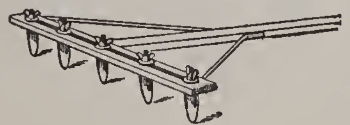
No. 4P.	4-prong	$1 10
No. 6P.	6-prong	1 20



Dock Lifter

Dock Lifter

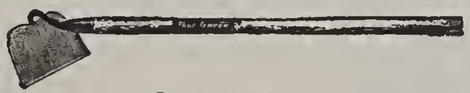
For field and farm use. Will uproot the deepest-seated weed or dock; has tremendous leverage. Made of wrought iron and oak wood—no wear out to it. Price, $4.50. (Not mailable.)



Marking Rake

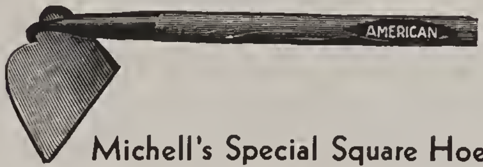
Has a spread of 4½ ft.; equipped with five adjustable brass teeth. No better method of row-marking can be employed; suited for setting plants or sowing seed. The frame and handle are oak—no wear out to it. Price, $6.50. (Not mailable.)

Extra Teeth for same. Price, 65c. (by Parcel Post, 75c.).



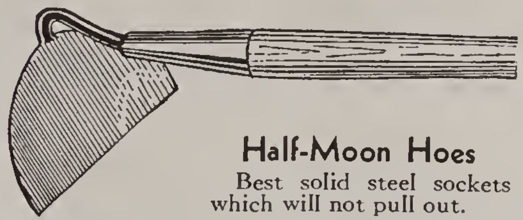
Square Hoes

No. G06.	6-in.; solid shank	$1 00
No. G07.	7-in.; solid shank	1 00
No. G08.	8-in.; solid shank	1 10
No. 10.	10-in.; for celery	1 75



Michell's Special Square Hoe

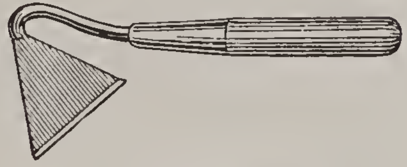
7-in. only; solid shank; 4½-ft. handle. Price, 60c.



Half-Moon Hoes

Best solid steel sockets which will not pull out.

No. HM4.	4-in.	$0 95
No. HM6.	6-in.	1 00
No. HM7.	7-in.	1 05

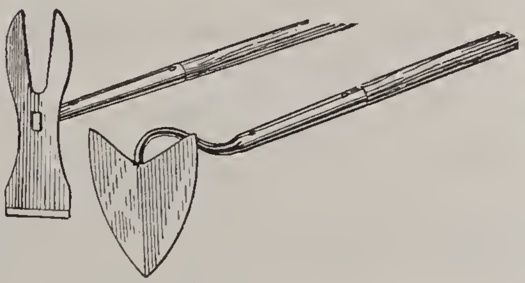


Special Steel Weeding Hoe

No. 3W. Short handle. Price, 65c. (by Parcel Post, 75c.).

Two-Prong Onion Hoe

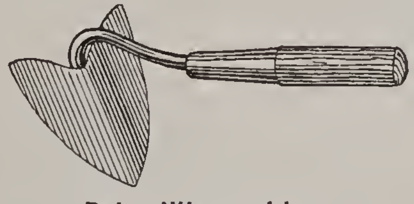
Will be found very valuable in weeding narrow rows. (See cut below.) **No. 2P.** Price, 65c.



Warren Hoes

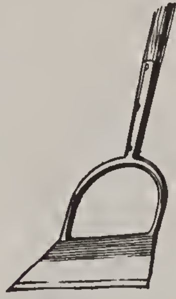
Excellent tools for making drills preparatory to sowing of seed. The backs can be used for covering. (See cut above.)

No. W7.	7-in.	$1 25
No. W7½.	7½-in.	1 50



Baby Warren Hoe

No. BW4½. Short handle. Price, 65c. (by Parcel Post, 75c.).

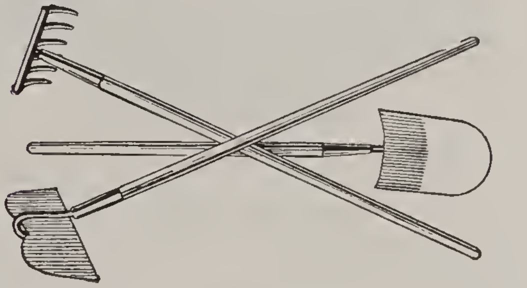


Scuffle Hoes

Made of best steel.

5-in.	$0 85
6-in.	90
7-in.	95
8-in.	1 10
9-in.	1 15
10-in.	1 25

Handles for Scuffle Hoes, 25c. each, extra.



Garden Tool Set

For ladies and children; in fact, they are suitable for the country gentleman. Set consists of 1 hoe, 1 rake and 1 spade. **No. 3PF.** Large size. $2.00 per set.

Gardex Tools

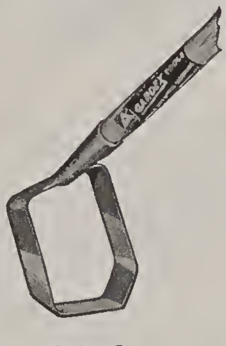
Made of finest grade, high carbon steel.

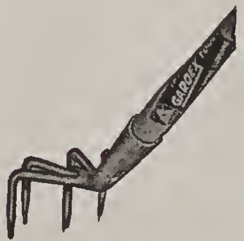
Pull Hoe

Weeds as it cultivates

No. 1004. 4 in. wide; 4½-ft. handle. Price, 95c.

No. 1005½. 5½ in. wide; 5-ft. handle. Price, $1.10.





Culti-Claw

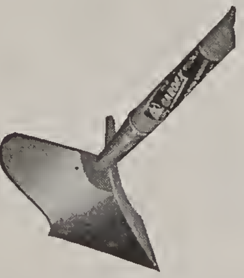
The ideal tool for flower and rock-gardens.

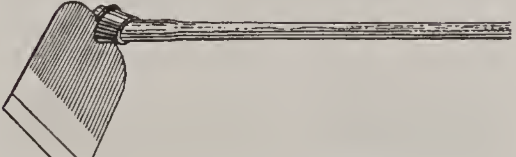
No. 180. 4½-ft. handle. Price, 95c.

Hand Plow

Excellent for hilling corn, potatoes, or any plants.

No. 2006. 6 in. wide; 5-ft. handle. Price, $1.60.



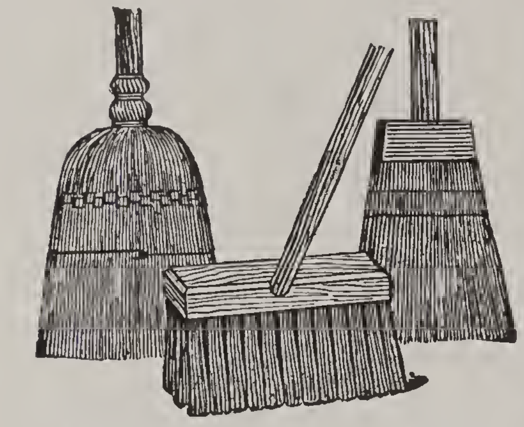


Michell's Field Hoe

For digging up stubble, small stumps, small plots of ground for planting purposes, etc.

No. GE40.	5½-in. blade	$0 85
No. IGH7.	7-in. blade, extra heavy	1 75

MICHELL'S FARM AND GARDEN TOOLS, ETC.



Plain Corn Rattan Push Jap. Fibre

Brooms and Brushes

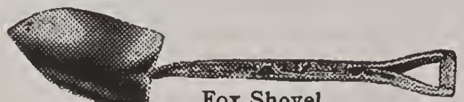
For sweeping paths, gutters, roads, etc. All with handles.

Brooms

No. 230. Japanese Fibre	$1 00
No. 8. Corn and Rattan mixed	1 00
Golf Greens. Birch	30
No. 7. Plain Corn. Extra quality	1 00

Road Brushes

No. 1414. Bass or Cocoa Push. 14-in.	1 00
No. 271. Rattan Push. 14-in.	1 00



Fox Shovel

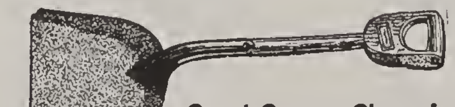
Shovels

Long Handle

Fox. Round point	$1 85
Square point	1 85
Conneaut. Round point	2 00
Square point	2 00
Empire. Round point	1 25
Square point	1 25

Short Handle

Fox. Round point	$1 85
Square point	1 85
Conneaut. Round point	2 00
Square point	2 00
Empire. Round point	1 25
Square point	1 25



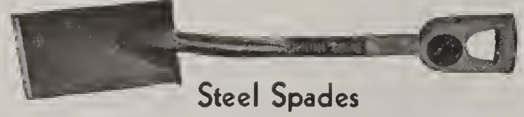
Steel Scoop Shovels

Strapped shanks; wood D or short handles.

No. 1. 9-in. mouth	$1 50
No. 2. 10-in. mouth	1 50
No. 3. 11-in. mouth	1 55
No. 4. 11½-in. mouth	1 60
No. 5. 12-in. mouth	1 75
No. 6. 13-in. mouth	1 80

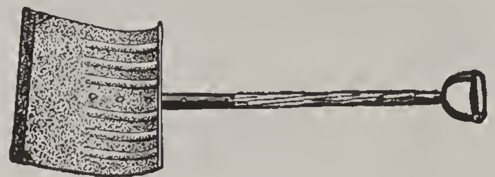
Wire Scoop Shovel

For handling potatoes, turnips, and root crops without bruising or cutting. Made of heavy steel wire. Price, $2.75.



Steel Spades

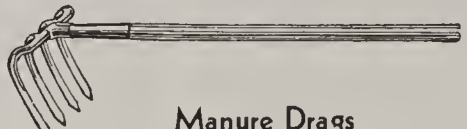
Fox. Short handle	$1 85
Ladies' polished	1 75
Conneaut. Short handle	2 00
Nursery. Conneaut's Special	3 50
Empire. Short handle	1 25
Boys'	1 50



Owosso Snow Shovel

Snow Shovels

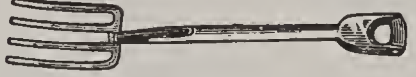
Owosso. Galvanized. 16 in. wide	$1 40
20 in. wide	1 75
No. 74. Cole. Wood. 20 x 16 in.	1 25
No. 218. Cronk. Steel	1 50



Manure Drags

For spreading manure, digging potatoes, etc. Flat tines.

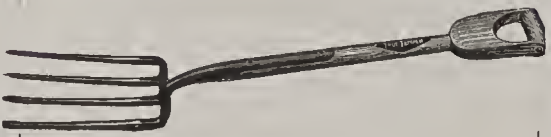
No. 4. 4-tine	$1 35
No. 6. 6-tine	1 85



Spading Forks

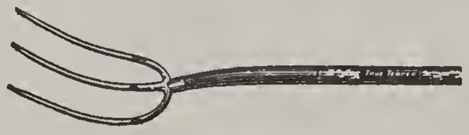
Strapped shanks, short or D-wood handle. Made of bestquality steel.

No. OHW. Men's. 4-tine	$1 80
No. O5HW. Men's. 5-tine	2 15
No. B4D. Boys' or Ladies'. 4-tine	90



English Digging Fork

No. ED4. The prongs are solid steel, with square instead of round edges, which adapts it especially for digging in heavy soil, in which it works with ease. Every gardener should add one of these to his collection of tools. 4-tine, $2.75 each.



Steel Hay Forks

O35B. 3-tine; 5-ft. handle	$1 50
O36B. 3-tine; 6-ft. handle	1 75

Wood Hay Fork

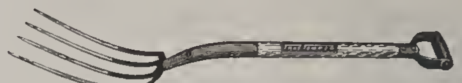
3-tine	$1 75

Implement Handles

	Each
Axe	$0 50
Spade. Plain	50
Spading Fork. Plain	85
Manure Fork. Plain; short	50
Manure Fork. Plain; long	50
Shovel and **Spade.** Plain; short	50
Hoe. Plain	25
Rake. Plain	30
Pick or **Mattock**	50
Poles. 12-ft.	2 00
14-ft.	2 50

Michell's Special Spading Fork

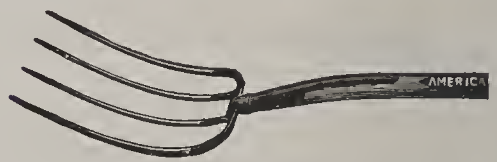
No. POL4. 4-tine; nicely finished, with D bachelor handle, medium weight. Price, $1.25.



Manure Forks

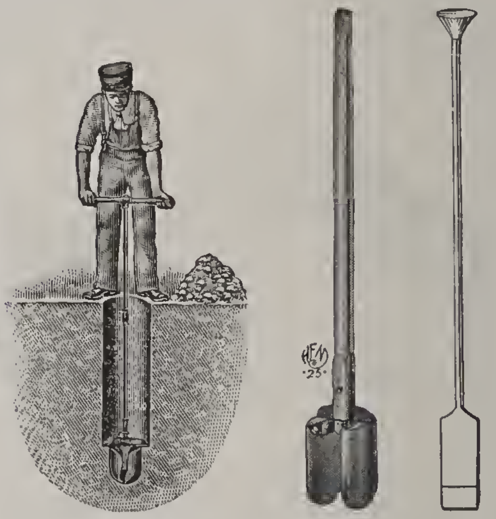
Strapped Shanks

04W. 4-tine. Light, short handle	$1 75
163. 4-tine. Heavy, short handle	2 00
05W. 5-tine. Medium, short handle	2 00
06W. 6-tine. Medium, short handle	2 00
044½. 4-tine. Long handle	1 50
054½. 5-tine. Long handle	1 75



Michell's Special Manure Fork

No. 04D2. 4-tine, strap ferrule, iron D handle. Price, $1.00.



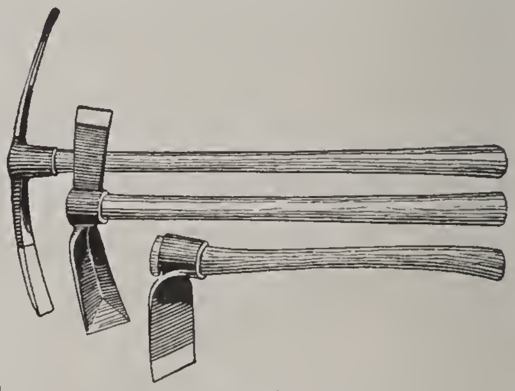
No. 8 Digger Eureka Spade

Post-Hole Diggers

No. 8. This bores a hole 3½ feet deep and can be adjusted in diameter from 8 to 14 in. Price, $5.50.

No. 15. Eureka. Price, $2.00.

Post-Hole Spade. All steel with tamper end. Price, $3.25.



Picks

(Price includes Handle)

All steel, double point. $1.50.

Mattocks

(Price includes Handle)

Axe pointed	$1 50
Pick pointed	1 50
Half Mattocks or Grub Hoes	1 25

A good Trowel is a garden necessity

MICHELL'S GARDEN AND FARM TOOLS, ETC.

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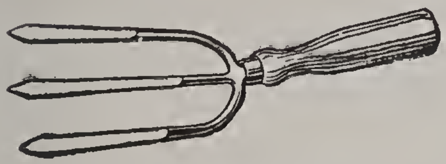
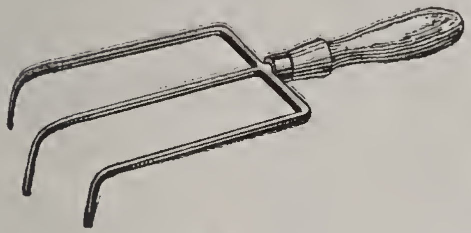


Eureka Weeding Fork

No. 300. Made of best flexible steel. Fine for loosening soil in the garden, in hotbeds, etc. Short handle. Price, 50c.

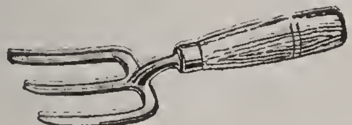
No. G4. Long handle. Price, 75c.



Eureka Weeder

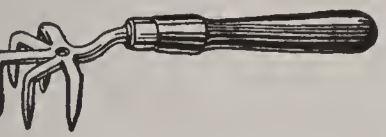
No. E. Made of flexible steel; very light. An ideal tool for market gardeners, florists, and amateurs. Short handle. Price, 50c.

No. EL4. Long handle. Price, 75c.



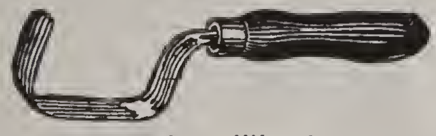
Excelsior Weeding Fork

No. 444. Made of malleable steel, finished in tin. Price, 15c. (by Parcel Post, 25c.).



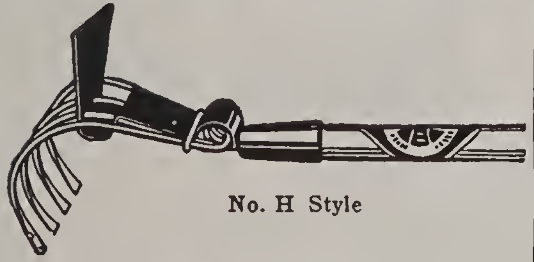
Excelsior Weeder

Made of malleable iron, finished in tin. Price, 15c. (by Parcel Post, 25c.).



Hazeltine Weeder

No. 200. Price, 30c. (by Parcel Post, 40c.).

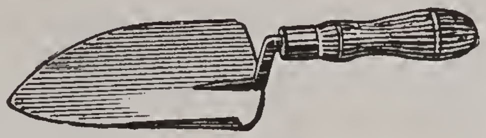


No. H Style

Magic Weeder

Made of heavy, galvanized, flexible wire with flattened prongs or ends.

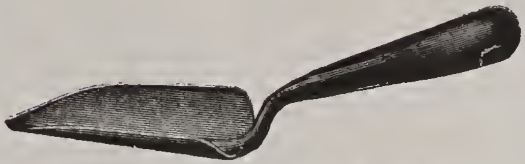
	Each
No. A. Short handle; small	$0 20
By Parcel Post	30
No. B. Short handle; medium	25
No. F. Long handle	75
No. H. Long handle; large	1 25



Johnson Steel Trowels

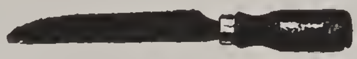
No. 211. These are made of one-piece steel blade and shank, equal to the imported Trowels.

	Each	By Parcel Post
5-in.	$0 70	$0 80
6-in.	75	85
7-in.	80	90



D. S. T. Steel-Shank Trowel

These are somewhat long in blade and handle, making a very practical tool. 6-in. blade. Price, 85c. (by Parcel Post, 95c.).



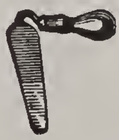
Cleves' Angle Trowel

No. 217. For getting dandelion, plantain and other weeds out of the lawn, and transplanting.

	Each	By Parcel Post
5-in.	$0 20	$0 30
6-in.	25	35
7-in.	30	40

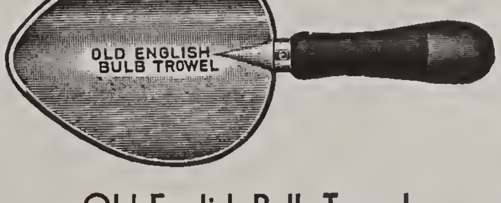
Miscellaneous Trowels

	Each	By Parcel Post
No. 700. Neverbreak. 5-in.; heavy steel	$0 15	$0 25
No. 215. Steel. Wood handle.	25	35



Transplanting Trowel

Steel shank and blade. Price, 75c. (by Parcel Post, 85c.).



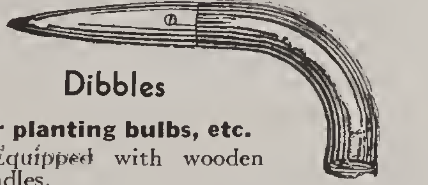
Old English Bulb Trowel.

Heart-shaped blade, 4¾ inches wide. For planting out bulbs and plants. Price, $1.00 (by Parcel Post, $1.10).

Kneeling-Pads

Will protect the clothing and prevent knees from becoming damp. Price, 50c.

Parcel Post charges cover postage and special packing required.



Dibbles

For planting bulbs, etc.

Equipped with wooden handles.

No. 2180. Brass point. Price, $1.00 (by Parcel Post, $1.10).

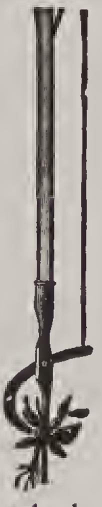
No. 218. Iron point. Price, 85c. (by Parcel Post, 95c.).

Tree Scraper

For removing loose bark from trees prior to spraying. Steel blade may be detached and sharpened.

No. 3. Short handle. Price, 65c. (by Parcel Post, 75c.).

No. 5. 2-ft. handle. Extra heavy. Price, $1.50.



Cleveland

Tree or Bark Brush

For brushing down trees, to remove insects, borers, etc. Made of steel.

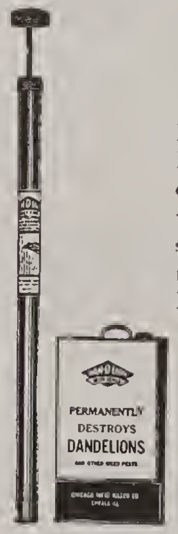
Price, 8½-in., 45c. (by Parcel Post, 55c.).

Cleveland Lawn Weeder

Easy to operate; saves the back. The curved edge of the blade enters and loosens the soil, pressure on the lever then causes the toothed jaw to grasp the plant, and a slight pull dislodges it, without disturbing the surrounding soil. Price, $1.25.

DAN-D-LION KILLER-KEMICAL

A small amount applied at the crown of the plant will cause it to shrivel up and in a few days the foliage above the ground will wither away, while the decayed root provides fertilization, so that the surrounding grass soon crowds in and covers the spot without reseeding. Also destroys plantains, thistles, and other types of vegetation. Qt. 85c.; $1.25 per ½gal.; gal. $2.00; $9.50 per 5 gals.



Killer Kane

A tube with a valve at the bottom. Fill tube with Killer-Kemical and set the Kane down over the crown of the weed to be destroyed. A slight pressure on the handle releases a small amount of Killer-Kemical. Price, $1.00.

Killer Kit

Special combination, including Killer Kane and ½ gal. Killer-Kemical. Price, $2.10.

MICHELL'S FARM AND GARDEN TOOLS, ETC.

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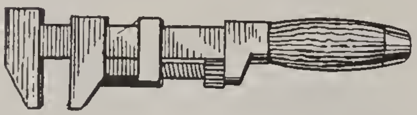
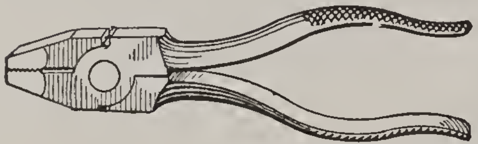


Monkey Wrenches

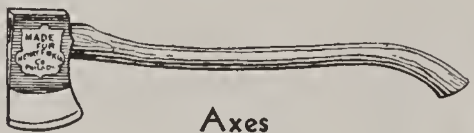
For machinery. Made of first-quality hard steel.

	Each	By Parcel Post
8-in.	$1 00	$1 15
10-in.	1 25	1 40



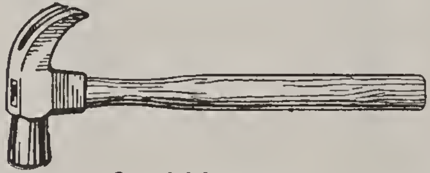
Steel Pliers

	Each	By Parcel Post
No. 70. Side cutting, 6-in.	$1 00	$1 10
No. 70. Side cutting, 7-in.	1 25	1 35



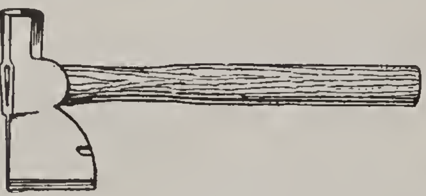
Axes

Plumb Made. Medium, man's size; made of best-quality steel. Price, $2.50 (by Parcel Post, $2.70).



Steel Hammers

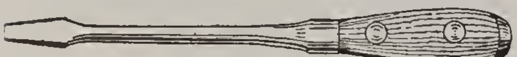
No. 0374. Pexto. Price, 85c. (by Parcel Post, 95c.).



Hatchets

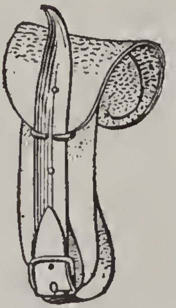
Made of the best-quality tool steel that will keep an edge.

Plumb. Price, $1.00 (by Parcel Post, $1.15).



Screw Drivers

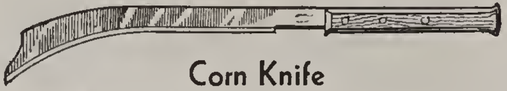
	Each	By Parcel Post
4-in.	$0 30	$0 40
5-in.	35	45
6-in.	40	50
8-in.	50	60
10-in.	60	70



Husking-Pins

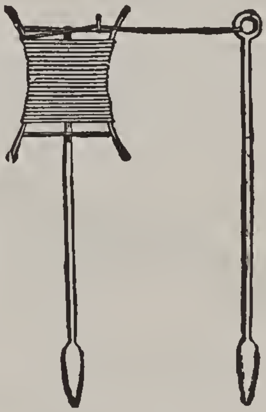
The Boss. Combination, leather and metal. Price, 25c.

ALL PRICES SUBJECT TO MARKET CHANGES



Corn Knife

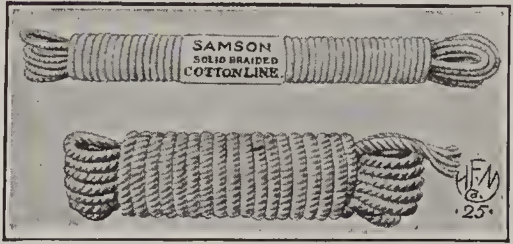
No. 300. Eureka. Bent blade. Price, 75c. (by Parcel Post, 90c.).



Garden Reels

Small. Single. Price, $1.50 (by P. Post, $1.60).

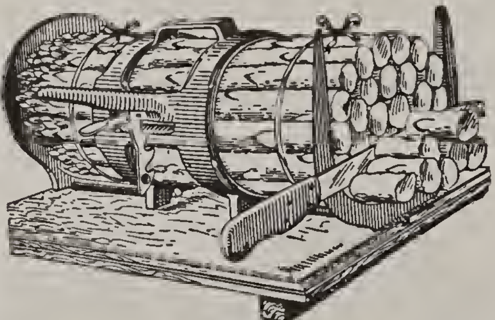
Medium. Single. Price, $2.00 (by P. Post, $2.15).



Garden Line

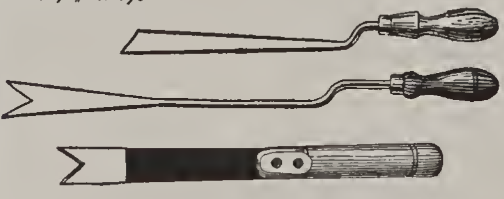
Best-quality white cotton braid woven closely. 100-ft hanks. Price, $1.00 (by Parcel Post, $1.10).

Plow Line. Cotton. 45-ft. hanks. Price, 60c. (by Parcel Post, 70c.).



Asparagus Bunchers

Even where one has a limited amount of asparagus to market, it pays to use a Buncher. Price, with knife-guard, $4.50 (by Parcel Post, $4.70).



Asparagus Knives

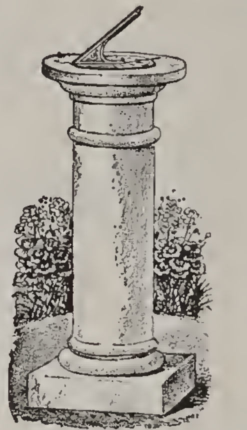
	Each	By Parcel Post
No. 2501. (Top illustration)	$0 50	$0 60
No. 2500. (Center illustration)	50	60
No. 2311. (Bottom illustration)	40	50

Asparagus Tape

Fast Red. 1000-yd. spool. Price, $4.00 (by Parcel Post, $4.15).

Green. 1000-yd. spool. Price, $3.00 (by Parcel Post, $3.15).

Sun-Dials



These ancient time-tellers are a part of every exclusive flower or vegetable garden, and, indeed, a very interesting one.

No. 350. 8-in. diam.; bronze; plain. Price, $4.50 (by Parcel Post, $4.70).

No. 351. 9½-in. diam.; bronze; with motto. Price, $5.00 (by Parcel Post, $5.20).

No. 105. 10-in. diam.; bronze; with motto. Price, $6.00 (by Parcel Post, $6.20).

No. 107. 11-in. diam.; bronze; with motto. Price, $7.50 (by Parcel Post, $7.70).

Prices do not include pedestal.

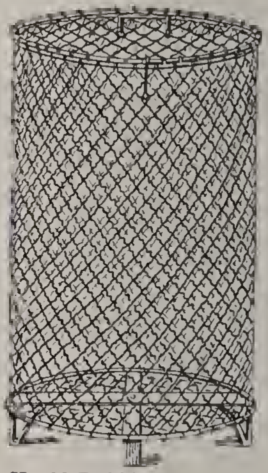
Rubbish Consumers

No. 5. Made of heavy, crimped wire; meshed top and bottom; galvanized; 29 in. high. Price, $6.00.

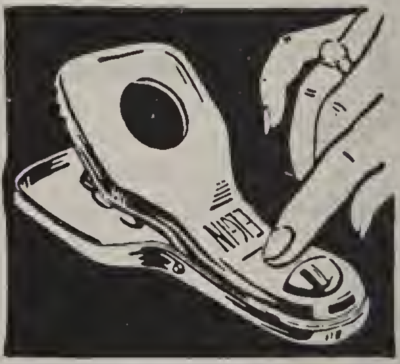
Extra-Heavy Construction

No. 10. 16 x 22 in. Price, $11.50.

No. 20. 20 x 30 in. Price, $16.50.



No. 20 Rubbish Consumer

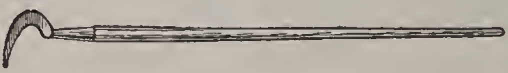


Elgin Mouse Trap

Elgin Traps

Made entirely of steel, nickel-plated. Will not warp or crack.

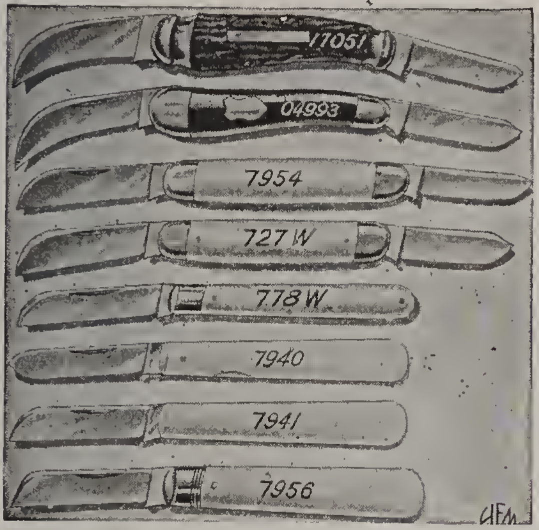
	Each	By Parcel Post
Mouse	$0 10	$0 15
Rat	25	30



Brush or Briar Hook

No. 43. Long handle. Price, 75c.

MICHELL'S LAWN, GARDEN AND FARM ACCESSORIES



Horticultural Knives

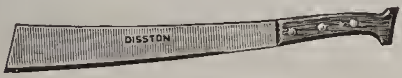
Our stock consists of styles that are practical and in demand. They are all of the best steel. Every one is guaranteed to give good satisfaction.

Wostenholm English

		Each
7705.	Pruning; 1 blade; stag handle.	$3 00
7940.	Budding; 1 blade; white handle.	2 75
7954.	Budding; 2 blades; white handle.	3 00
7956.	Budding; 2 blades; white handle.	4 00
17051.	Pruning; 2 blades; white handle.	3 25

American Make

No. 105. Pruning; 1 blade; cocoa handle	1 10
No. R1955. Budding; 1 blade......	1 00
No. R4495 (Old No. 727W). Budding; 2 blades; white handle	1 25
No. R3853 (Old No. 04993). Budding and Pruning; 2 blades; stag handle..	1 10
Florists' Favorite. 1 blade; white handle. An excellent Knife	1 00

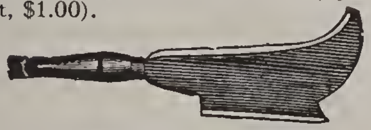


No. 1. Hedge Knife

Steel Hedge Knife

For cutting heavy brush, shrubbery, hedges, etc. Made of the finest steel.

No. 1. Short handle. Price, 75c. (by Parcel Post, $1.00).



English Bill Hooks

For trimming heavy shrubbery, trees, etc.

Short Handle. Price, $2.25 (by Parcel Post, $2.40).

Long Handle. Price, $3.50 (by Parcel Post, $3.65).

Leather Pruning Gloves

If wanted by Parcel Post, add 10c. per pair for postage.

No. 280. Horsehide, with gauntlets, lined. $1.85 per pair.

No. 228F. Horsehide, no gauntlets, not lined. $2.50 per pair.

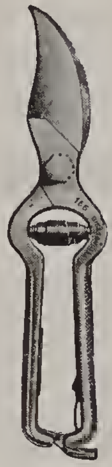
No. 217. Horsehide, with gauntlets, not lined. $1.50 per pair.

Eezy Wear

Eezy Wear Garden Gloves

A soft, pliable, all-leather, dirt-proof Glove for both men and women. Specially adapted for general home use. 75c. per pair.

100



156

136

Pruning Shears

These are procured from the most reliable makers and are fully guaranteed.

If wanted by Parcel Post, add 15c. each for postage and insurance.

	Length	Each
No. 100. Michell..........	9 in.	$4 00
No. 156. Disston..........	8½ in.	2 75
No. 126. Disston..........	8⅛ in.	1 50
No. 136. Disston..........	9 in.	1 25
No. 116. Disston..........	9 in.	75
No. 5945. Elbersmit.......	9 in.	2 75
No. 5720. Elbersmit. (Nickeled.).....	6½ in.	2 25
No. 1586. French..........	7 in.	2 25
No. 1586. French..........	8 in.	2 50
No. 23. Levin............		75

126

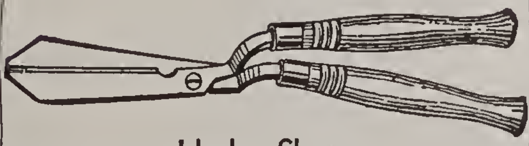
116

23

	Length	Each
No. 5. Michell...........	9 in.	$0 50
No. 109. Wiss.............	8 in.	3 25

Spiral Springs. For any of the above Pruning Shears, except French, 20c. each; doz. $2.00.

For French Pruning Shears, 35c. each.



Hedge Shears

If wanted by Parcel Post, add 20c. each for postage.

		Disston	English
No. 101A.	6-in., Ladies'....	$1 75	
No. 101A.	8-in............	2 50	$3 50
No. 101A.	9-in............	2 75	3 75
No. 101A.	10-in...........	3 00	4 25
No. 101A.	12-in...........		5 50

Bolts and Nuts for Hedge Shears, 30c.

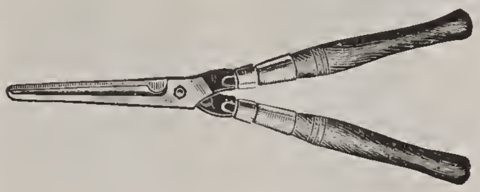
Handles for Hedge Shears, $1.00 per pair.

Wiss Hedge Shears

Superior construction; blades of high carbon steel, accurately hardened and tempered. Handles of drop forged steel with comfortable wood-grip handles. Don't tire the arms.

If wanted by Parcel Post, add 20c. each for postage.

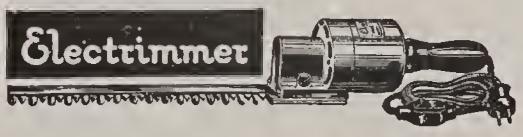
6½-in..........................	$2 25
7½-in..........................	2 50
8 -in..........................	2 75
9 -in..........................	3 25
10 -in..........................	3 50



Clyde Hedge Shears

No. 5430W. Drop forged solid tool steel blades, notched, full polished; handles made of ash, 12 in. long; blades 8 in. Price, $2.00.

No. 5435. Especially for ladies' use. Drop forged solid tool steel; handles made of black walnut, 9 in. long; blades 6 in. Price, $1.50.



Trims hedges ten times faster, and it's fun—not work. Operates from any ordinary light socket; cuts a clean, perfect swath through the toughest hedge growth. Trims 100 feet of hedge, top and sides, in 30 minutes.

The most powerful electric hedge-trimmer. Weighs only 6 pounds. Thousands of satisfied users everywhere say that Electrimmer is the finest, strongest, most practical hedge-cutter ever produced; and many state that it saves so much over slow, costly hand labor it pays for itself in a single season.

Complete with 8-ft. cord...........	$29 50
100 ft. best-quality 18-gauge ext. cord.	3 50
200 ft. best-quality 16-gauge ext. cord.	8 50

Little Wonder Hedge Trimmer

The Little Wonder Hedge Trimmer cuts every variety of hedge grown, five or six times faster than the old-fashioned hand-shear method and makes hedge-cutting a pleasure. Long cutting-bars which make a quick and even cut. Made strong and sturdy; built to last many years.

Junior. 30-in. cut................	$25 00
Little Wonder. 40-in. cut........	27 50
Little Wonder. 60-in. cut........	35 00
Little Wonder, Jr. Electric. 25-in. cut..........................	65 00

Pruning Compound

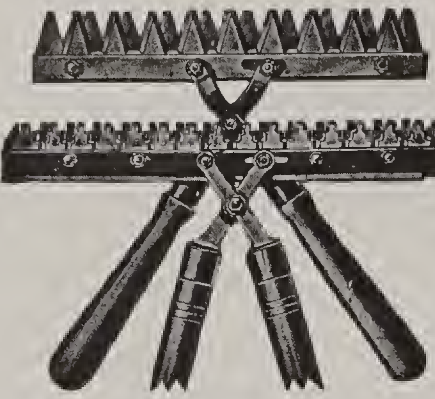
Used for painting the wounds of trees after pruning.

Qt..........................	$0 50
Gal.........................	1 50

MICHELL'S LAWN, GARDEN AND FARM ACCESSORIES

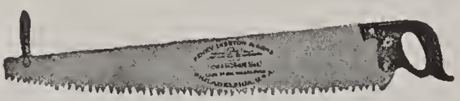
Simplicity Hedge Trimmer

No. 100. To be used for fresh, new growth only. Works rapidly and easily. It will trim every variety of hedge grown and to any shape desired. Price, $3.50 (by Parcel Post, $3.75).



Simplicity Hedge Pruner and Trimmer

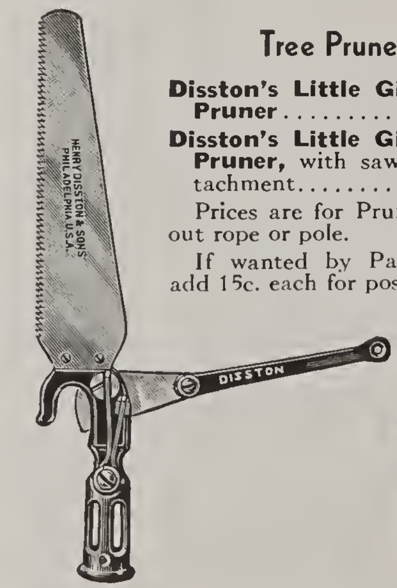
No. 101. For pruning back old growth and trimming new. Price, $4.50 (by Parcel Post, $4.75).



Cross-Cut Log Saws

Disston Make

No. 554. Champion. One-man; 3-ft. blade	$3 50
Great American. Two-man; 5-ft. blade	5 50



HENRY DISSTON & SONS PHILADELPHIA U.S.A.
DISSTON

Tree Pruners

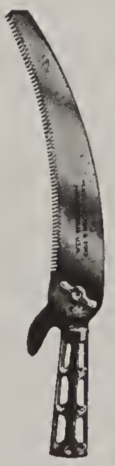
Disston's Little Giant Pruner	$2 25
Disston's Little Giant Pruner, with saw attachment	3 25

Prices are for Pruners without rope or pole.

If wanted by Parcel Post, add 15c. each for postage.

Adjustable Pole Pruning Saw

No. 111. Adapted for sawing by hand or attached to a pole. Handle made of malleable iron with socket, can be adjusted to different angles. Price, without pole, $2.00.

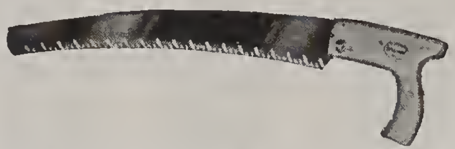


Poles for Tree Pruners

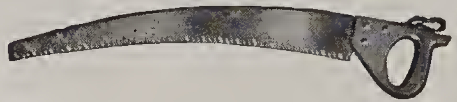
12 ft. long, 1½-in. diam.	$2 00
14 ft. long, 1½-in. diam.	2 50

Speed Saws

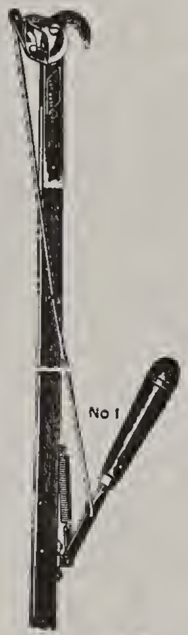
A patented Saw with new-design teeth in groups of 2 slicer teeth and one planer tooth. Made of the best rust-resisting steel, in excellent finish, and used by many for every purpose.



TR No. 1. With quick detachable handle. The blade is used with pole pruner for cutting limbs from ground. An all-purpose Saw. Very popular with all classes of users. 16-in. blade. Price, $3.00.



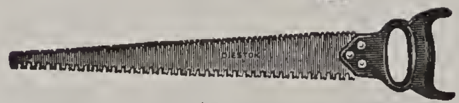
TR No. 3-14. Similar to the above and used extensively by tree surgeons. 26-in. cut. Price, $3.50.



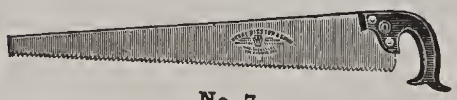
Bartlett Compound Tree Trimmer

No. 1R. Has a compound lever head and is made with a hook and side lever. Will cut a limb up to 1¼ inches in diameter. Prices with pole complete.

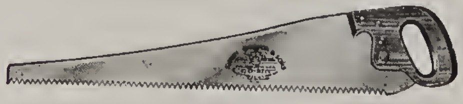
6-ft.	$5 50
8-ft.	5 80
10-ft.	6 10
12-ft.	6 45
14-ft.	6 80
16-ft.	7 20



No. 4



No. 7

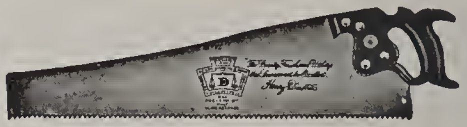


No. D27

Disston Pruning Saws

If wanted by Parcel Post, add 15c. each for postage.

No. 4. 18-in., double edge	$1 40
No. 4. 20-in., double edge	1 50
No. 7. 16-in., single edge	1 25
No. 7. 18-in., single edge	1 35
No. 7. 20-in., single edge	1 50
No. 5. 20-in., double edge, curved blade	1 50
California Pattern. 14-in. Crescent-shaped blade	1 10
No. D27. A superior Saw for tree-surgery work. Steel blade 6 in. wide at butt; 1¼ in. at the point; 26 in. long; hardwood handle	3 50

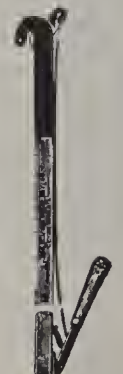


Carpenter Saws

State if rip or cross-cut is wanted.

No. 8D. Disston. 26-in. blade. Price, $2.75.

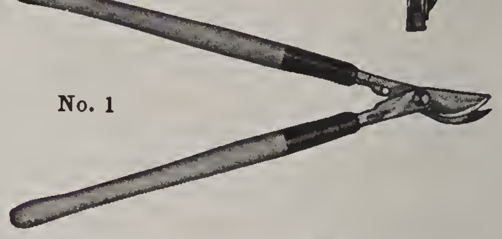
Clyde Tree Trimmer



No. 5407. Both blade and hook are made from the best tool steel, firmly riveted to basswood handles. Removable cutting blade and pole complete.

6-ft.	$2 00
8-ft.	2 25
10-ft.	2 50
12-ft.	2 75
14-ft.	3 00

Extra Blades for Clyde Pruners, 25c. each.

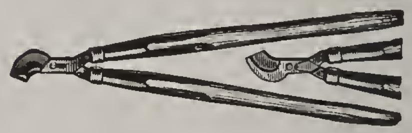


No. 1

Lopping Shears

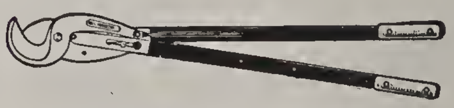
No. 1. Disston Lopping. Polished hardwood handle, 20 inches long; 27½ inches over all; heavy ferrule; heavy blades for heavy work. Weight, 3¼ lbs. Price, $3.00 (by Parcel Post, $3.15).

No. 3. Disston Bull Dog Lopping. Both jaws curved and both cutting jaws. Weight, 3⅓ lbs. Price, $2.75 (by Parcel Post, $2.90).



Clyde Draw-Cut Lopping Shears

No. 5402. Blade, hook, and shank are forged from tool steel. Natural finish ash handles. Pressed steel strapped ferrule and cap. Length of handles, 30 in. Price, $3.50 (by Parcel Post, $3.70).



No. 1 Forester Lopping Shears

Forester Lopping Shears

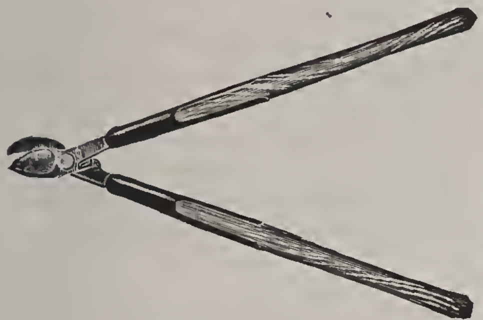
Powerful and ruggedly built Shears. Has patented slide-shift power slot.

No. 1. 20 in. long. Capacity, 1 1/16 in. Weight, 2 lbs., 10 ozs. Price, $5.00 (by Parcel Post, $5.15).

No. 2. 27 in. long. Capacity, 1½ in. Weight, 4 lbs., 10 ozs. Price, $6.00 (by Parcel Post, $6.20).

> Parcel Post charges, where named, are for shipment to the First and Second Zones; for other Zones, please see Parcel Post Table, page 1.

MICHELL'S FARM AND GARDEN ACCESSORIES



Clyde Lopping Shears

No. 5409. Solid tool-steel blade and hook; hardened steel bolt with lock nut. Handles natural finish ash. Polished pressed steel ferrule and cap. Length of handles, 24 in. Price, $1.75 (by Parcel Post, $1.90).

Rhodes Lopping Shears

Makes an absolutely clean, perfect cut. The blades are concaved at the cutting edge, producing, with the handles, an enormous leverage. The easiest operating Lopping Shears ever made or sold. 26-in. and 30-in. handles. Price, $3.50 (by Parcel Post, $3.70).

Lopping Shears

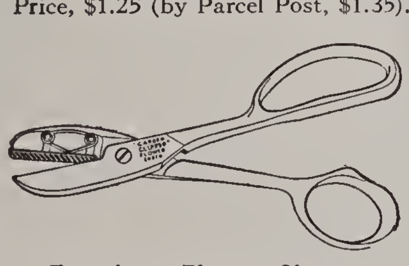
No. 7. Cuts 1½-in. limbs with ease. 24 in. long. Price, $3.25 (by Parcel Post, $3.40).

Grafting Wax

¼lb. 20c.; 30c. per ½lb. (by Parcel Post, 35c.); lb. 50c. (by Parcel Post, 60c.).

Grafting Tool

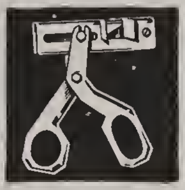
Made of the best steel. For grafting trees, etc. Price, $1.25 (by Parcel Post, $1.35).



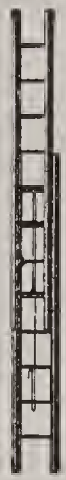
Eversharp Flower Shears

No. 1248. A wonderful help for cutting and gathering flowers. Snips and holds in one motion. Handy for picking flowers that are hard to reach. Price, 75c. (by Parcel Post, 85c.).

Wilt-Less Flower Cutter



Makes a clean, slicing cut. It cuts the stem slant-wise. No crushing. Rustless. Flowers cut the Wilt-Less way always keep better. Price, $1.75 (by Parcel Post, $1.85).



Compound Extension Ladders

These are made in the best manner possible and are complete, being equipped with the necessary rope and pulleys.

Length	Price
20-ft.	65c. per foot
22-ft.	
24-ft.	
28-ft.	
30-ft.	
32-ft.	
36-ft.	70c. per foot
38-ft.	
40-ft.	

Single Plank Ladders

Made of good hard wood, free from faulty knots, and with perfect rounds.

Length	Price	Length	Price
8-ft.	$4 00	18-ft.	$9 00
12-ft.	6 00	20-ft.	10 00
14-ft.	7 00	22-ft.	11 00
16-ft.	8 00		

Stepladders

Columbia. 3-step up to 10-step. Price, 60c. per step.

Buck Saw

No. 50. Price, $1.25 (by Parcel Post, $1.50).

Saw-Horse or Woodbuck

No. 2. Price, $1.25 (by Parcel Post, $1.40).

Peat Moss, Torf Mull

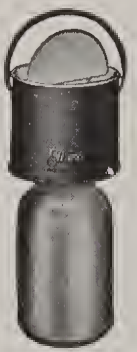
Imported, Granulated

Peat Moss

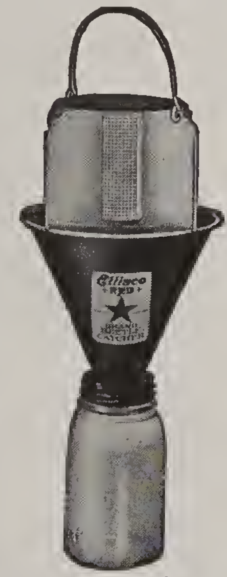
A moisture-retaining humus and an aid in conserving soil fertility. It furnishes the organic matter which all soils require. For lawns, cover lightly in the fall with Peat Moss. Cover all perennial beds with 1 to 2 inches of Peat Moss; for shrubs and evergreens, mulch to a depth of 3 inches or more. For roses, dig deeply and incorporate with the soil Peat Moss to the depth of 6 inches, before spading. For the flower garden, spread evenly from 3 to 6 inches deep a covering of Peat Moss, mixing well with the soil. For window- or porch-boxes, mix a good proportion of Peat Moss with some rich compost or soil. For the greenhouse, mix Peat Moss with the potting soil.

Size	Price
¼-size bale	$1 50
Large bale	3 50

Ellisco Beetle Catchers



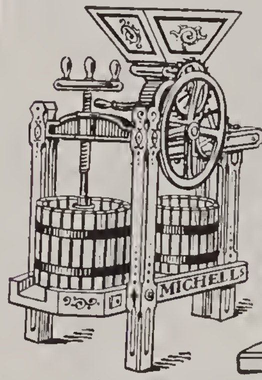
Type 0. A small, neat container with a standard thread on bottom to fit any Mason jar. The beetles pass through the trays into the jar, where they can easily be destroyed. Made of tin, enameled green all over. Price, without jar, 40c.



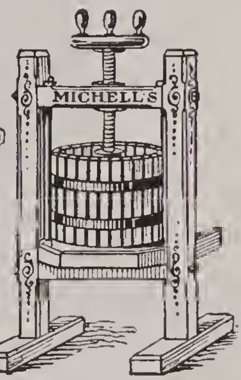
Type 4. This is the most recent type, developed for the United States Department of Agriculture in experiments to control the spread of the beetles. Made of rust-resisting galvanized steel and enameled green and white; fitted with a standard screw cap for 1-quart and 2-quart Mason jars.

Price, without jar, $1.00.

Beetle Bait. ¼lb. 25c.; 45c. per ½lb.; lb. 80c.; $3.00 per 5 lbs.



Cider Mill



Fruit Press

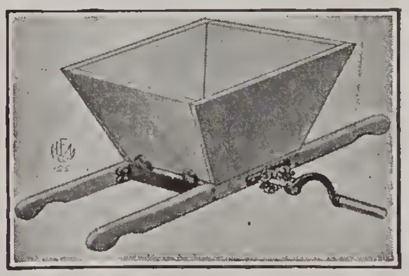
Cider Mills

	Capacity	Price
Junior	⅝ bus.	$25 00
Medium	¾ bus.	31 00
Senior	1¼ bus.	37 50

Fruit Presses

Made of best-quality wood, carefully bolted and finished.

	Capacity	Price
No. 1	¼ bus.	$7 50
No. 2	½ bus.	9 00
No. 3	1 bus.	13 50

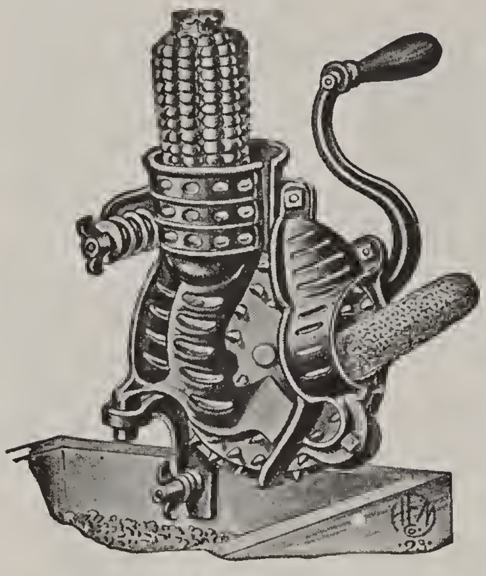


Grape Grinder

Suitable for crushing berries, grapes, and similar soft fruit.

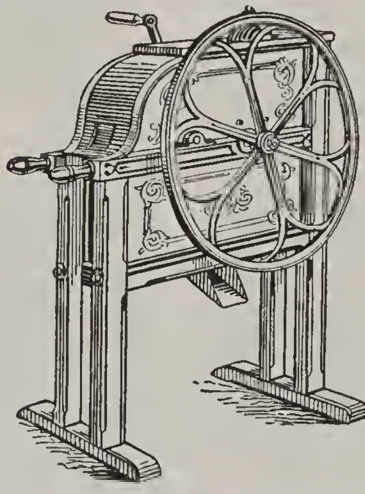
Item	Price
No. 18	$7 00
Handy Crusher	7 00

MICHELL'S FARM AND GARDEN ACCESSORIES



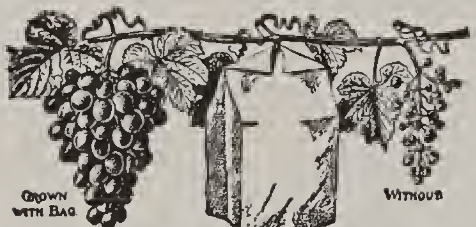
Black Hawk Corn Sheller

Excellent for small poultry farms, etc. Ball-bearing. Suitable for fastening to a bench, box, etc., for shelling small quantities of corn. Price, $3.00 (by Parcel Post, $3.25).



Pennsylvania Corn Sheller

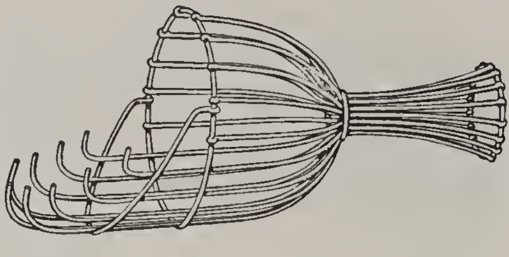
No. 3. Useful on every farm and private estate. Separates the corn from the cob, throwing the cob to one side and allowing the corn to pass out another way. Price, $15.00.



Grape-Protecting Bags

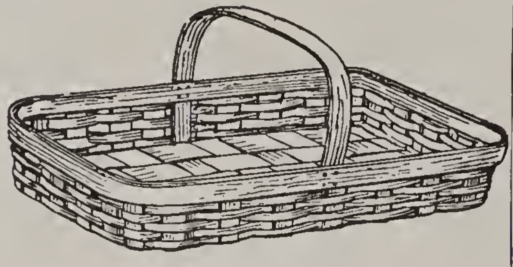
Thousands of bunches of grapes are wasted annually because they are not protected against the ravages of insects, birds, etc. Michell's Improved Grape Bags are economical, easily attached, and last a season. The fruit ripens just as readily in them as it does in the open. Bags should be attached when the grapes are the size of a pea, prior to which it is suggested that they be sprayed (even though not affected) against blight or fungus. Leave Bags attached until the fruit is ready to harvest.

	100	By Parcel Post	1000
2-lb. size	$0 45	$0 55	$4 00
3-lb. size	55	65	4 75
4-lb. size	65	80	5 50



Boss Fruit Picker

Made substantially of galvanized wire. Can easily be attached to a pole of any length. Price, 50c. (by Parcel Post, 60c.).

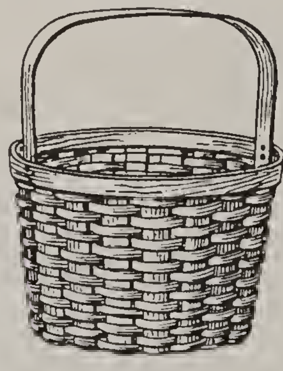


Gathering Basket

Very convenient for carrying berry-boxes, asparagus, and other vegetables. Made of oak, with substantial handles. 12 in. wide, 25 in. long, 4 in. deep. Price, $1.00 (by Parcel Post, $1.20).

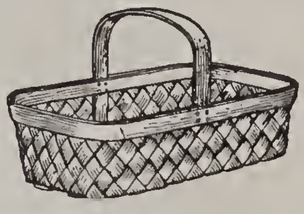
Flower-Picking Basket

Especially designed for gathering flowers with long stems. Featherweight and roomy. 19 in. long, 11 in. wide, 4 in. deep. Price, 75c. (by Parcel Post, 90c.).



Garden Baskets

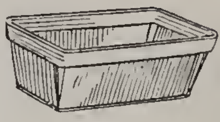
	Each	By Parcel Post
No. 2. Stiff Handle. ½-bus	$0 85	$1 05
No. 3. Drop Handle. ½-bus	85	1 05
No. 4. Without Handle.		
½-bus	1 00	1 15
1-bus	1 10	1 30



Splint or Chip Baskets

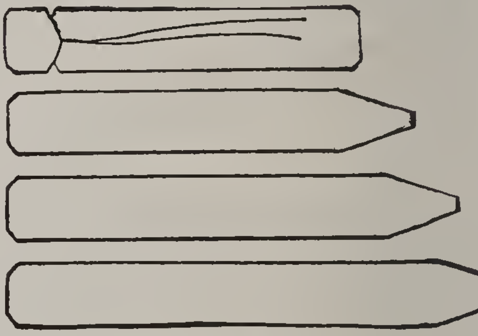
With Single Stiff Handles

	Each	Doz.
⅛-bus	$0 15	$1 35
¼-bus	18	1 60
½-bus	20	1 75
¾-bus	25	2 75
1-bus	30	3 25



Berry Boxes

	100	1000
1-pt.	$1 00	$9 00
1-qt.	1 00	9 00



Tree Labels

If wanted by Parcel Post, add 10c. per 100, 25c. per 1000, for postage.

	100	1000
Iron Wired. Plain	$0 35	$2 25
Iron Wired. Painted	40	2 65
Copper Wired. Plain	40	2 60
Copper Wired. Painted	50	3 00
Copper Sheet. Wired. Doz. 25c.	1 60	
Zinc Sheet. Wired. Doz. 25c.	1 60	

Indelible Marking Pencils. Price, 15c.

Painted Pot Labels

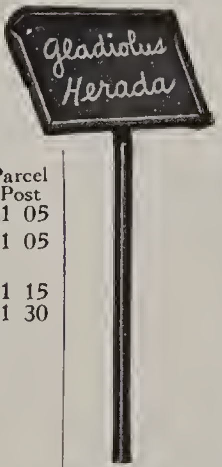
	100	By Parcel Post	1000
4-in.	$0 35	$0 40	$2 15
4½-in.	40	45	2 65
5-in.	45	50	2 75
6-in.	50	60	3 25
8-in.	1 50	1 70	8 00
10-in.	1 60	1 90	9 00
12-in.	2 00	2 45	12 00
18-in., for field-use	4 75	5 00	43 50

The 18-inch Field Labels are not painted.

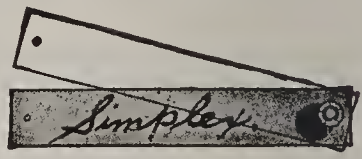
Simplex Celluloid Pot Labels

Made of white celluloid with specially prepared writing surface.

	Doz.	100
No. 21. 4 x ⅝ in.	$0 25	$2 00
No. 22. 5 x ¾ in.	35	3 00



Garden Label



Plant Label

Simplex Weather-Proof Plant Labels

The material carrying the writing is white celluloid with a specially prepared surface, protected by a transparent cover of mica. Marking done with an ordinary lead pencil is not affected by the most severe weather conditions and will last for years; water entering under the cover will not deface the writing. Simplex Weather-Proof Labels are adapted for all outdoor garden records.

Prices include copper wires for attaching.

	Doz.	100
No. 1. 3 x ½ in.	$0 50	$3 00
No. 2. 4 x ¾ in.	85	5 00
No. 3. 5 x 1 in.	1 10	7 00

If wanted by Parcel Post, add 5c. per doz.; 10c. per 100, for postage.

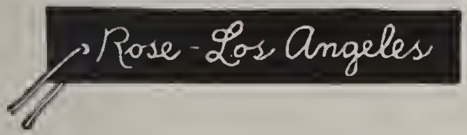
Remember the names of your plants by using Garden Labels

MICHELL'S FARM AND GARDEN ACCESSORIES

Simplex Weather-Proof Garden Label

Card-holder is made of special Armco rustproof galvanized iron. The stake is 24 inches long, finished in dark green, enameled.

No. 10. 2¾ x 1½ in. 30c. each; doz. $3.00.



Simplex Green Weather-Proof Plant Labels

Easily marked with a sharp, pointed steel stylus, which cuts through to the white base.

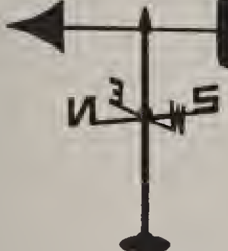
	Doz.	100
No. 31. 3 x ½ in.	$0 45	$2 50
No. 32. 4 x ¾ in.	80	4 00
No. 33. 5 x 1 in.	90	5 50

Perfect Garden Labels

The Perfect Garden Label

With an ordinary lead pencil write or print on the horizontal marking space, which remains permanently legible in all sorts of weather. The beautiful color blends with the soil, foliage, and rocks.

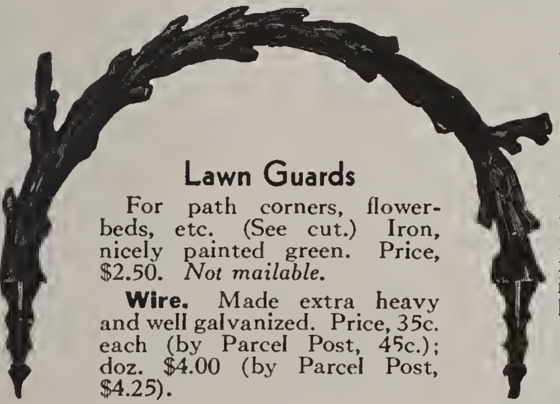
	Doz.	100
Border Size. 5 in. long; width of marking space, 2 in.	$1 00	$7 75
Rock-Garden Size. 4 in. long; width of marking space, 1¾ in.	90	6 75
Show Garden Size. 7 in. long; width of marking space, 2⅛in.	1 25	9 50



Weather-Vane

Made of aluminum and brass; will not rust; ball bearing. Finished in imitation gold and brass, or can gold-leaf any Vane.

Model A. Arrow Style. Height 12 in. Price, $2.00.

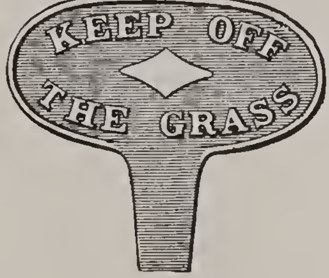


Lawn Guards

For path corners, flower-beds, etc. (See cut.) Iron, nicely painted green. Price, $2.50. *Not mailable.*

Wire. Made extra heavy and well galvanized. Price, 35c. each (by Parcel Post, 45c.); doz. $4.00 (by Parcel Post, $4.25).

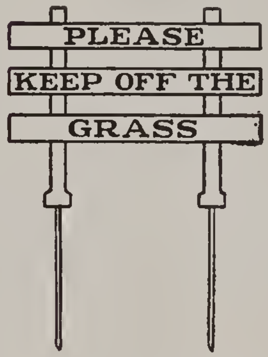
Parcel Post charges, where named, are for shipment to the First and Second Zones; for other Zones, please see Parcel Post Table, page 1.



Lawn Signs

Excellent for putting on grass plots where thoroughfare is not desired.

Iron. Painted gray, trimmed red. $1.00 each (by Parcel Post, $1.15); doz. $10.00.

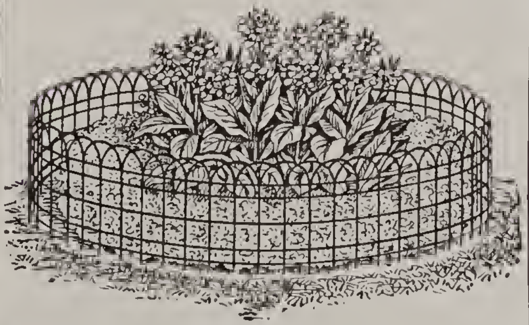


"Keep-Off-The-Grass" Signs

Iron, white enameled, green letters; equipped in back with holders for three flags. Price, $1.00.

"No-Gunning" Signs

Made of white oilcloth, with large black lettering. Size 12 x 13 in. Price, 40c. each; 6 for $2.25; $4.00 per doz.

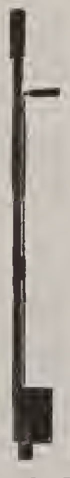


Flower-Bed Fencing

For putting around beds, lawns, etc. Any length desired, up to 165 running feet.

16-in. Less than 165-ft. roll, 10c. per ft.
16-in. In roll lots, 165 ft., 8c. per ft.
22-in. Less than 165-ft. roll, 12c. per ft.
22-in. In roll lots, 165 ft., 10c. per ft.

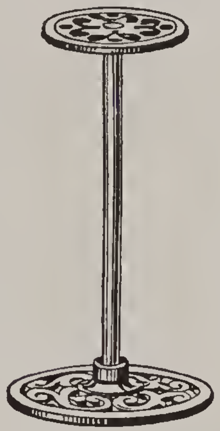
Dandelion Killer



Now you can easily and safely remove dandelions from your lawn with the Dandelion Killer. During warm weather it kills them almost over night; in cool weather, a longer time is needed. Dandelion Killer is not toxic in the soil, and after killing the dandelion it acts as a lawn fertilizer. Price, 1-lb. can, 35c. (by Parcel Post, 45c.).

"LL" Handy Applicator

This is designed to apply any free-flowing fertilizer to individual garden plants without stooping or touching the fertilizer. Instructions for applying fertilizer, as well as Dandelion Killer, are enclosed with each machine. Price, 80c.



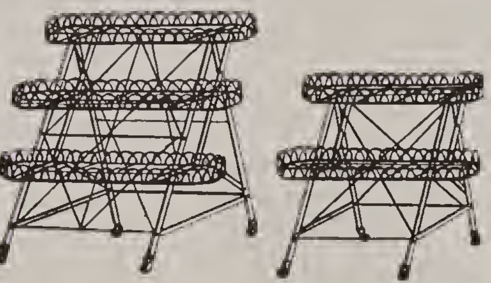
Iron Plant Stands

Enameled Green

Size	Size of Plates	Each
12 in.	5 x 7 in.	$1 65
18 in.	5 x 7 in.	2 00
24 in.	8 x 10½ in.	2 75
30 in.	8 x 10½ in.	3 00
36 in.	8 x 10½ in.	3 25
42 in.	8 x 10½ in.	3 30
48 in.	8 x 12 in.	3 50
60 in.	8 x 12 in.	3 60
72 in.	8 x 12 in.	4 25

Extra Plates for Iron Stands

	Each
5-in.	$0 75
7-in.	85
8-in.	1 00
10½-in.	1 25
12-in.	1 50

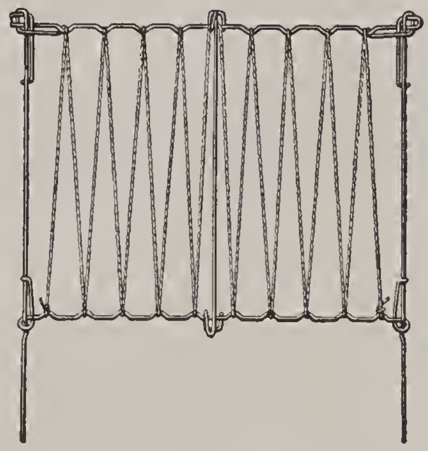


Jones Plant Stands

Wire Plant Stands

Painted dark green and finished in bronze. Very substantial and will carry almost any weight that can be placed on them. We recommend the Jones style, as it is collapsible and takes up very little space when not in use.

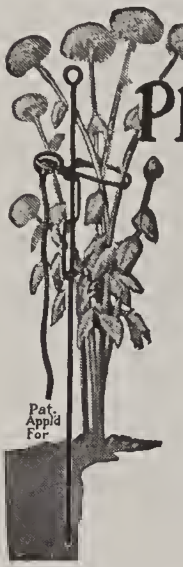
	Height	Width	Depth	Price
Jones. 1 shelf	27 in.	25 in.	14 in.	$2 50
Jones. 2 shelf	28 in.	30 in.	21 in.	5 00
Jones. 3 shelf	36 in.	30 in.	22 in.	6 00



Timesaver Trellis

For Sweet Peas, Garden Peas, and other vines. Dimensions 5 x 5 feet over all; stands about 4 feet above ground when placed. Frame made of ¼-inch galvanized steel. Green non-fade rope center. Easily assembled and taken apart. Price, $2.25 each; doz. $25.00.

MICHELL'S GARDEN AND GREENHOUSE ACCESSORIES, ETC.



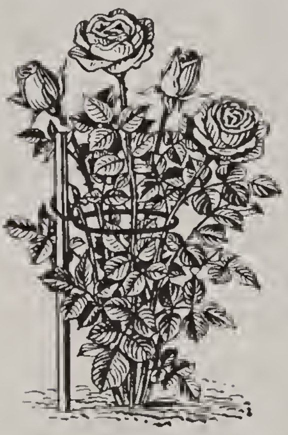
Timesaver Plant Support

A long-lived, low-priced adjustable Support, all metal parts being galvanized. Java end is green. Can be adjusted as to height and size of loop almost instantly, and is practically hidden by the foliage of the plant it supports.

		Doz.
No. 1.	2½-ft.	$0 95
No. 2.	3-ft.	1 15
No. 3.	3½-ft.	1 60
No. 3A.	4-ft.	2 20
No. 4.	5-ft.	2 75
No. 4.	6-ft.	3 05

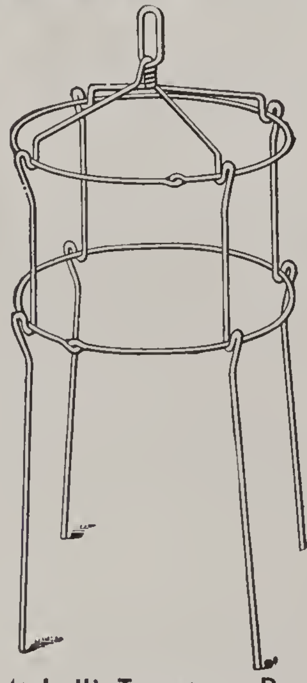
Adjusto Plant Support

Consists of a stake ⅞ inch square and of different lengths, as may be required, and an instantly adjustable patented loop of 7-gauge strong spring-wire for supporter. It contains no nails, hooks, or screws.



A permanent equipment which can be used year after year.

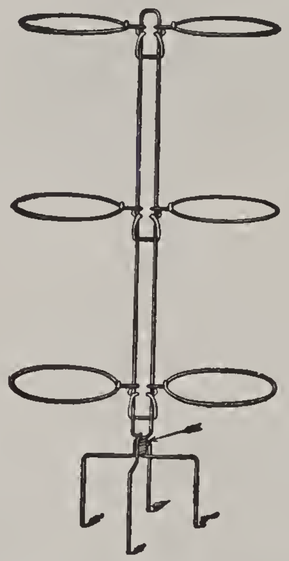
1½ ft. high. 10c. each; doz. $1.00.
2 ft. high. 15c. each; doz. $1.10.
3 ft. high. 20c. each; doz. $2.25.
4 ft. high. 25c. each; doz. $2.50.
5 ft. high. 30c. each; doz. $2.75.
6 ft. high. 35c. each; doz. $3.00.



Michell's Tomato or Peony Support

(See illustration above)

Made of galvanized wire in a substantial manner. Stands solid and firm. Price, 35c. each; doz. $3.75; $30.00 per 100.



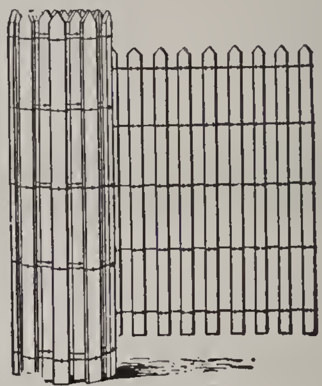
Michell's Double 3-Ring Carnation Support

Made of Nos. 11 and 14 galvanized wire, which will not rust. 28 inches high. Can be put together in less than a minute. Will not fall apart. Can be raised and lowered to suit plants. Doz. $1.75; $12.50 per 100; per 1000, $110.00.

Michell's Double Snapdragon Support

The only Support of the kind on the market, and indispensable to the proper growing of this popular plant. 48 in. high; 3-ring. Doz. $2.50; $16.50 per 100.

English Hurdle Fence



Cedar Picket Fencing

Will wear for years without paint. Readily put up and saves time, labor, and expense of fence-building. 50-foot rolls are carried in stock; 75- and 100-foot rolls will be shipped from factory.

3 ft. high, 12c. per running foot.
4 ft. high, 14c. per running foot.
5 ft. high, 18c. per running foot.

Wire Netting

Price is constantly changing and is subject to market.

No. 19. Galvanized; 2-inch mesh; 150 running feet per bale.

Width	Bale	Width	Bale
12 in.	$1 50	42 in.	$4 00
18 in.	2 25	48 in.	4 50
24 in.	3 00	60 in.	5 50
30 in.	3 25	72 in.	6 75
36 in.	3 75		

No. 20. Galvanized; 1-inch mesh; 150 running feet per bale.

Width	Bale	Width	Bale
12 in.	$2 75	42 in.	$7 00
18 in.	4 00	48 in.	8 25
24 in.	4 75	60 in.	10 25
30 in.	5 50	72 in.	12 00
36 in.	6 25		

Staples

¾-in., for fastening netting. Lb. 15c. (by Parcel Post, 25c.).

Cut Wire Netting

We can furnish this in both 1- and 2-inch mesh, in units of 25-ft., 50-ft., 75-ft., 100-ft. and 125-ft. lengths.

1-in. mesh, 4c. per sq. ft.
2-in. mesh, 2c. per sq. ft.

ENGLISH HURDLE FENCE

Panels measure 8 feet, 3 inches in length and are 4 feet high when in position; 640 hurdles to the mile of fence.

Space between bars	Approx. Weight	Chestnut (split rail)	Cedar (round rail)
4-bar, 12 in.	60 lbs.	$3 00	$2 50
5-bar, 9 in.	70 lbs.	3 25	3 00
6-bar, 7 in.	80 lbs.	3 50	3 25

GATES. Supplied with strong, heavy hinges

Driveway Gates		**Pathway Gates**	
4-bar, 10 ft. wide	$8 00	4-bar, 4 ft. wide	$5 00
5-bar, 10 ft. wide	8 50	5-bar, 4 ft. wide	5 50
6-bar, 10 ft. wide	9 00	6-bar, 4 ft. wide	6 00

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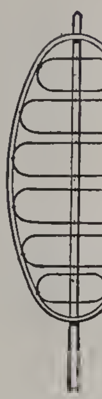
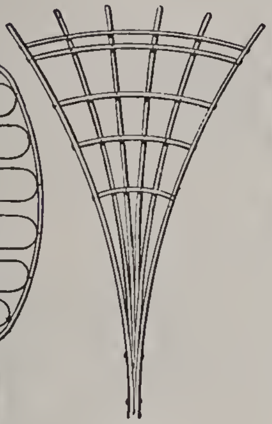
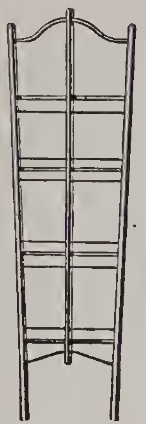
MICHELL'S GARDEN AND GREENHOUSE ACCESSORIES, ETC.


Oval


Fan


Veranda

Veranda Trellis

Made of wood and painted green

2-ft.	$0 65
3-ft.	75
4-ft.	85
5-ft.; heavy	1 25

Fan Trellis

Made of wood and painted green

18-in.	$0 30	36-in.	$0 75
24-in.	40	42-in.	1 00
30-in.	50	48-in.	1 25

Oval Trellis

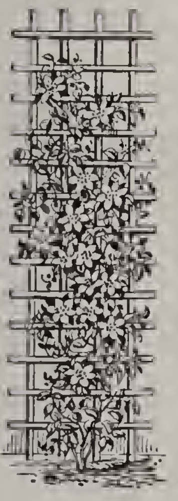
Made of wood and painted green

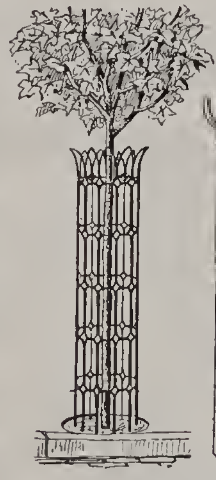
24-in.	$0 60

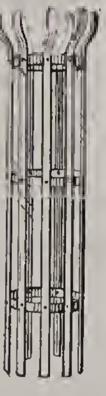
Lattice Trellis

Made of wood and painted green

	18 in. wide	24 in. wide
6-ft.	$2 00	$2 50
7-ft.	2 25	3 00
8-ft.	2 75	3 50
9-ft.	3 00	3 75
10-ft.	3 50	4 00
12-ft.	4 00	5 00


Lattice Trellis


Wire Guard


Iron Guard

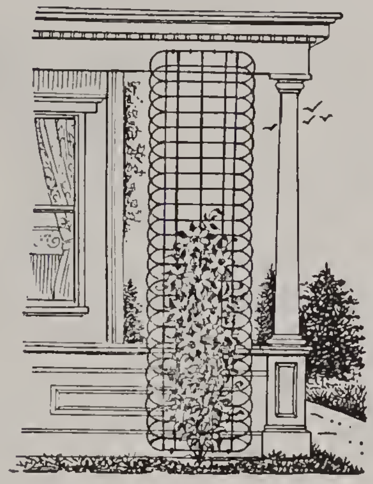
Tree Guards

Galvanized Wire. Carefully made of heavy material and finished in a neat and substantial manner.

	Each
9-in. diam.	$1 50
12-in. diam.	1 75

No. 4. Iron. Made of flat iron, finished black. Will last indefinitely with an occasional painting. Price, $4.50.

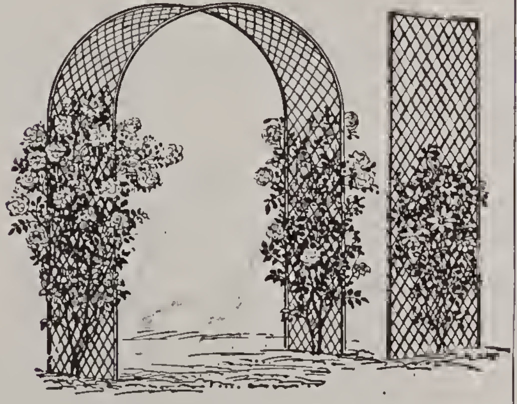
Philadelphia Official Tree Guard. Made of heavy, round iron. Price, $6.50.



Continuous Wire Trellis

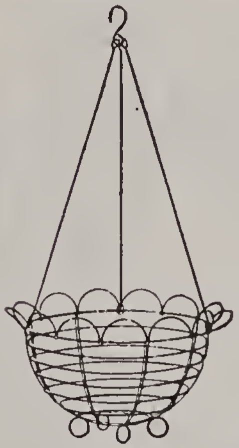
Excellent for training vines of all kinds up porch verandas, pergolas, etc. Thoroughly galvanized and well made.

Any length desired up to 165 running feet
18 in. wide. Less than 165-ft. roll, 10c. per ft.
18 in. wide. In roll lots, 165 ft., 9c. per ft.
24 in. wide. Less than 165-ft. roll, 12c. per ft.
24 in. wide. In roll lots, 165 ft., 10c. per ft.



Galvanized Wire Work

This can be furnished on short notice, any height or any width, in either trellises or arches. Made of heavy diamond-mesh wire with strong frames. 40c. per sq. ft. on pieces aggregating 15 sq. ft. or over; less than 15 sq. ft., 50c. per sq. ft.


Wire Basket

Hanging-Baskets

Galvanized Wire

For greenhouse, porch, and conservatory.

	Each	Doz.
8-in.	$0 25	$2 50
10-in.	40	4 25
12-in.	60	5 50
14-in.	70	7 50
16-in.	85	9 00

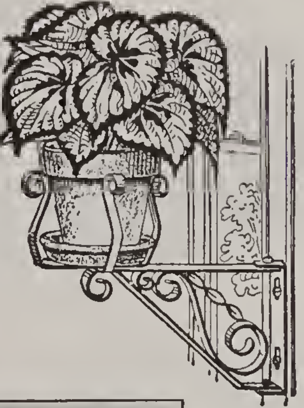
If wanted by Parcel Post, add 10c. per Basket, or 40c. per doz., for postage.

Basket Hooks

Thoroughly galvanized so they cannot rust.

Single.	$\frac{5}{16}$ in. thick	$0 75
Double.	$\frac{7}{16}$ in. thick	1 10

These cannot be mailed



Jones' Pot Bracket

No. 1. Holds 5-in. pot. Price, 60c. (by Parcel Post, 70c.).

No. 2. Holds 6-in. pot. Price, 70c. (by Parcel Post, 80c.).

No. 3. Holds 7-in. pot. Price, 85c. (by Parcel Post, 95c.).

Jardiers

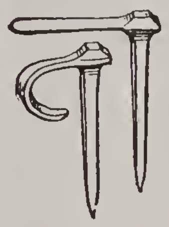
Colors: In 4-in. size, green only; 6-in. size, green, ivory, lavender, and yellow.

	Each	Doz.
4-in., for pots	$0 20	$2 00
6-in., for pots	30	2 75

Cemetery Vases

For holding cut-flowers on cemetery lots, etc.

	Each
Iron. Large; green	$0 85
Iron. Medium; green	65
Galvanized. Large	1 00
Galvanized. Medium	85
Tin. Enameled; large; green. Doz. $1.50.	15



Wall Nails

For fastening climbing vines. Equipped with a soft metal clasp which holds the vine against the wall.

1-in., 45c. per doz. (by Parcel Post, 50c.); per 100, $2.75 (by Parcel Post, $2.85).
1½-in., 60c. per doz. (by Parcel Post, 65c.); per 100, $3.75 (by Parcel Post, $3.95).
2-in., 75c. per doz. (by Parcel Post, 85c.); per 100, $4.50 (by Parcel Post, $4.75).

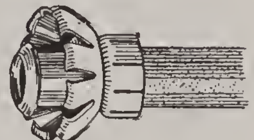
PAT'D SEPT. 22.96
Copper Hose Mender

Hose Menders

If wanted by Parcel Post, add 10c. per doz. for postage.

	Each	Doz.
Cooper's. ¾-in.	$0 10	$1 00
Cooper's. ⅝-in.	10	1 00
Cooper's. ½-in.	10	1 00
Jones Iron. ¾-in.	10	1 00

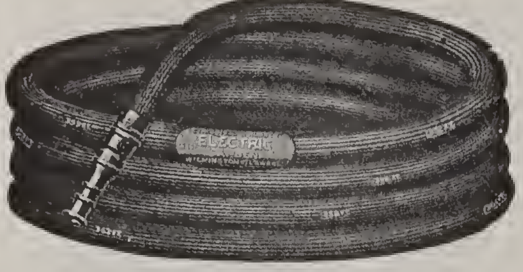
Perfect Hose Menders



Made entirely of brass, with swivel motion—no band required.

For ½-in. and ¾-in. hose. Price, 10c. each; doz. $1.00 (by Parcel Post, $1.15).

MICHELL'S GARDEN, LAWN, GREENHOUSE ACCESSORIES, ETC.



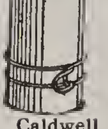
Rubber Hose

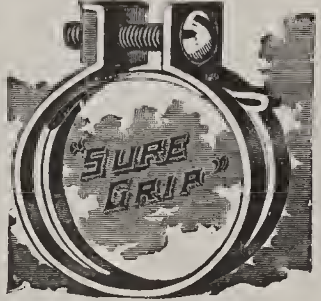
	Per ft.
Michell's Special. ½-in.	$0 15
Michell's Special. ⅝-in.	16
Michell's Special. ¾-in.	17
Electric. You cannot kink it. ½-in.	18
Electric. ⅝-in.	19
Electric. ¾-in.	20
Super Bull Dog. ¾-in.; green	23
Torrent. ¾-in.; red	21
Spray Pump Hose. ⅜-in.	16

All brands come in reels of 500 feet and sections in any length to that number of feet may be had.

25- and 50-foot sections of Hose coupled free. Smaller sections coupled at the rate of 30c. per pair for couplings.

Hose Washers. ¾-in., 5c. per doz.; ¼lb. 15c.; 50c. per lb. (by Parcel Post, 60c.). 1-in., 6c. per doz.; ¼lb. 30c.; $1.00 per lb. (by Parcel Post, $1.10).


Caldwell Band as applied to Hose



Hose Bands

For fastening couplings and menders

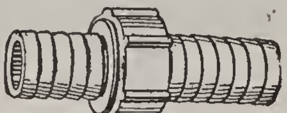
Caldwell's. If wanted by Parcel Post, add 10c. per gross for postage.

	Doz.	Gross
No. 8. For 4-ply hose	$0 40	$3 50
No. 6. For 3-ply hose	40	3 50

Pliers for above, 35c. per pair (by Parcel Post, 45c.).

Sure Grip. Can be furnished in ½-in., ⅝-in. and ¾-in. Either size, 5c. each; doz. 40c. (by Parcel Post, 45c.).

Hose Couplings



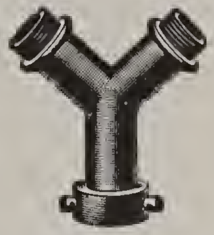
If wanted by Parcel Post, add 5c. each, 20c. per doz. for postage.

	Pair	Doz.
Plain Brass. (See cut.) ½-in.	$0 20	$2 00
Plain Brass. ⅝-in.	20	2 00
Plain Brass. ¾-in.	20	2 00

Perfect. Equipped with a clamp on the male and female part for securing to the hose; no band required. For ½- and ¾-in. hose (mention which is wanted when ordering). 30c. per pair; doz. $3.00.

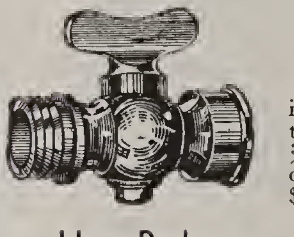
> Parcel Post charges, where named, are for shipment to the First and Second Zones; for other Zones, please see Parcel Post Table, page 1.

Siamese Hose Connection



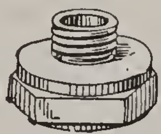
No. 68. This permits one lead of hose to be diverted in two directions. Additional three-way connections can be used according to the water pressure. It is specially adapted for lawn sprinkling. Price, $1.00 (by Parcel Post, $1.10).

Shut-Off Connection



Cast brass, polished; ¾-in. male thread on one end; ¾-in. female thread on other end. Price, $1.10.

Hose Reducers



For reducing 1-in. pipe to fit regular ¾-in. hose. Price, 35c. (by Parcel Post, 45c.).

For reducing ¾-in. pipe to fit ⅜-in. hose. Price, 60c. (by Parcel Post, 70c.).

Noscrew Hose Clamp

Installed instantly without annoyance by hand, no screw-driver or tools of any description required. Made of cold rolled steel, galvanized and nickeled. Made in ½-in., ⅝-in., and ¾-in. sizes. Price, 11c. each; doz. $1.20.

Hose Reels

Wirt's Reel

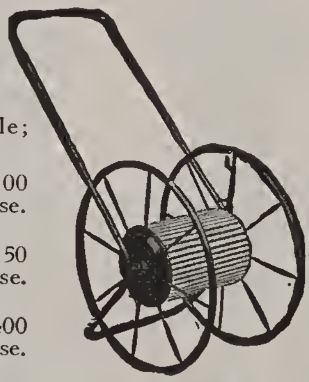
(All iron)

Indestructible; light in weight.

No. 10. Holds 100 ft. of ¾-in. hose. Price, $4.00.

No. 20. Holds 150 ft. of ¾-in. hose. Price, $5.00.

No. 30. Holds 400 ft. of ¾-in. hose. Price, $8.00.


Wirt's Reel

No. 31C Hose Reel

No. 31C. Holds 500 ft. of ¾-in. hose. Price, $14.00.

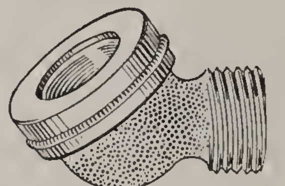
Victor Reel

Constructed with channel steel frame; cast iron wheels; solid steel reel arms; heavy corrugated steel drum. Holds 100 ft. of ¾-in. hose. Price, $1.50.

Nozzle Holder

For sticking in the ground while one continues with other work. Made of galvanized heavy wire. Price, 20c. (by Parcel Post, 30c.).

Hydrant Attachments

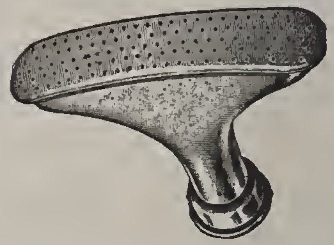


For attaching hose to smooth faucets.

No. 2. For small spigot. Price, 50c. (by Parcel Post, 60c.).

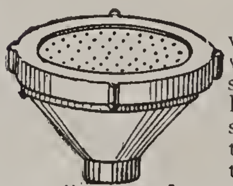
No. 3. For large or standard spigot. Price, 50c. (by Parcel Post, 60c.).

Flaring Rose Sprinkler



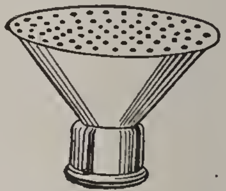
Ejects a fan-like spray; especially adapted for sprinkling flowers. Price, 50c. (by Parcel Post, 60c.).

Bink's Nozzle



Made of aluminum, with brass face; equipped with interchangeable sprays, coarse and fine. It makes watering possible without wetting the hands. Positively the best and most indestructible Nozzle made. Price, $3.25, worth twice the price (by Parcel Post, $3.35).

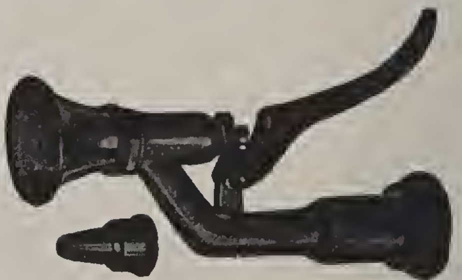
Boston Spray Nozzle



(for ¾-in. hose)

Light Copper. Price, $1.50 (by Parcel Post, $1.60).

Heavy Brass. Price, $1.25 (by Parcel Post, $1.35).



Aquamatic Hose Nozzle

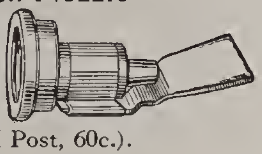
A high-grade water-control, opening and closing automatically, by slightly pressing lever with the fingers. A positive, quick shut-off. Made of heavy cast brass. Price, $2.00 (by Parcel Post, $2.10).

Barrett Hose-Master Nozzle

Automatic shut-off, adjustable spray, and pressure control at the Nozzle. Price, $1.50 (by Parcel Post, $1.60).

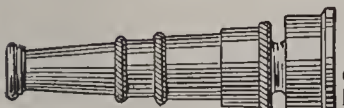
MICHELL'S GARDEN, LAWN, GREENHOUSE ACCESSORIES, ETC.

Champion Nozzle



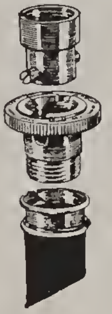
A dandy Nozzle for greenhouse use. Makes a spray or a solid stream; easily adjusted. Price, 50c. (by Parcel Post, 60c.).

Gem Pattern Hose Nozzle



(for ¾-in. hose) Can be regulated to give three different streams. Price, 50c. (by Parcel Post, 60c.).

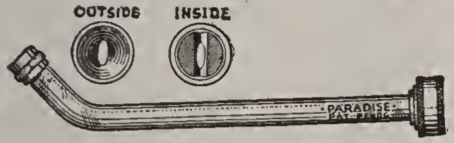
Tradur Hose Connectors



These are widely known as setting a new standard for handling hose. They are extensively used throughout the country by florists and others.

Eliminates bother and waste of time in hose connecting. Non-leaking, even with high pump pressures. No springs, hooks, levers, or special washers. Gives long and satisfactory service.

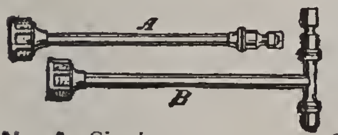
¾-in. Faucet part. Price, 35c.
¾-in. Hose part. Price, 75c.
Complete set. Price, $1.10.



Paradise Nozzle

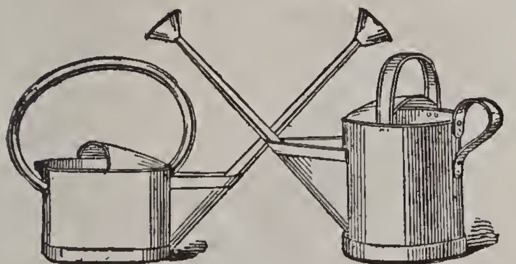
Designed to syringe any and all greenhouse flowers. The fine spray has a washing effect. Price, $3.00.

Stott's Spray Nozzles



Excellent for spraying underneath foliage.

	Each	By Parcel Post
No. A. Single	$1 75	$1 85
No. B. Double	2 75	2 85



Watering-Cans, Wotherspoon's

Galvanized; extra heavy, with long spout and two roses—one coarse and one fine. These cans are not mailable.

	Round	Oval
4-qt.	$4 50	
6-qt.	4 75	$5 50
8-qt.	5 00	5 75
10-qt.	5 50	6 00
12-qt.	6 25	6 75
16-qt.	7 25	7 75
4-qt. Fern or Low Watering-Can	4 00	

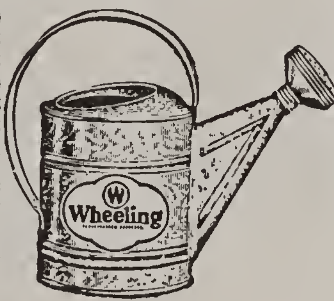
Extra Roses or Sprays

For Wotherspoon's Watering-Cans, either coarse or fine. Price, 60c. (by Parcel Post, 70c.).

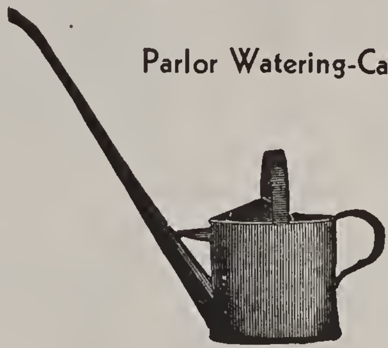
Galvanized Watering-Cans

Made of light galvanized iron.

4-qt.	$0 80
6-qt.	85
8-qt.	95
10-qt.	1 10
12-qt.	1 25
16-qt.	1 75



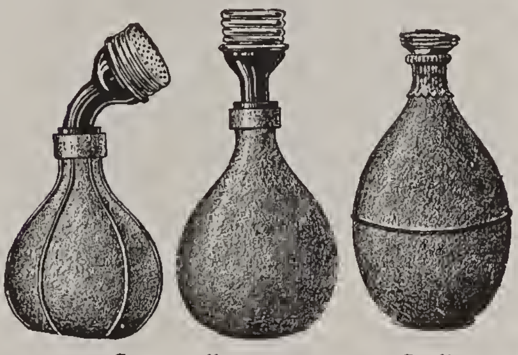
If Galvanized Watering-Cans are wanted by Parcel Post, add 20c. each for postage.



Parlor Watering-Can

For the enclosed porch- and window-boxes; oval shape; enameled; assorted colors, long spout.

2-qt., tin, enameled	$1 25
2-qt., copper	2 00



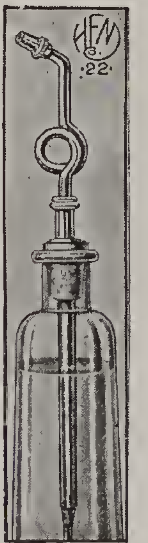
Spraywell Scollay

Rubber Sprinklers

Spraywell Style in either straight or crook neck

No.		Each
1.	**Spraywell Style.** 6-oz. capacity	$0 75
2.	**Spraywell Style.** 8-oz. capacity	90
3.	**Spraywell Style.** 10-oz. capacity	1 10
1.	**Scollay.** 12-oz. capacity	1 50

If wanted by Parcel Post, add 10c. each for postage.



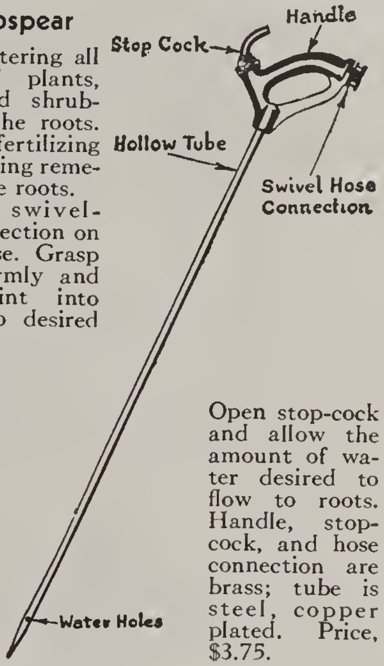
The Misto Bottle Sprayer

An ideal Sprayer for applying various insecticides to house plants. Makes a fine mist, avoiding all drip. So simple in design it will last forever; nothing to get out of order. Made of metal, nicely nickeled. Can be used in connection with almost any ordinary bottle. Guaranteed in every respect or money back. Price, with bottle, $1.50 (by Parcel Post, $1.60).

Hydrospear

For watering all kinds of plants, trees, and shrubbery at the roots. Fine for fertilizing and applying remedies to the roots.

Screw swivel-base connection on end of hose. Grasp handle firmly and push point into ground to desired depth.

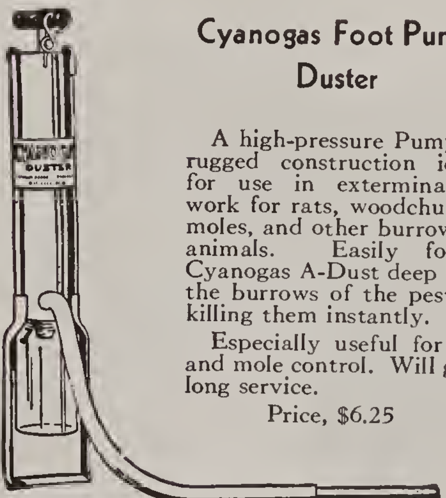


Open stop-cock and allow the amount of water desired to flow to roots. Handle, stop-cock, and hose connection are brass; tube is steel, copper plated. Price, $3.75.

Aprons

For protecting the clothing while watering, etc.

Rubber	$2 25
Blue Denim	1 50



Cyanogas Foot Pump Duster

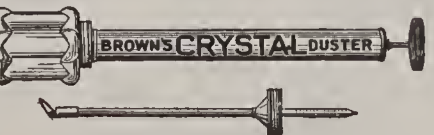
A high-pressure Pump of rugged construction ideal for use in extermination work for rats, woodchucks, moles, and other burrowing animals. Easily forces Cyanogas A-Dust deep into the burrows of the pests—killing them instantly.

Especially useful for rat and mole control. Will give long service.

Price, $6.25

Bellows

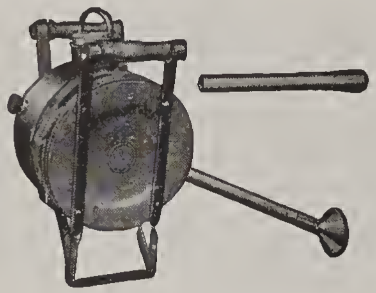
	Price	By Parcel Post
Large, double cone	$6 50	$6 75
Large, single cone	4 50	4 70
Small, single cone	3 00	3 20
Sulphur Bellows	4 00	4 20



Brown's Crystal Duster

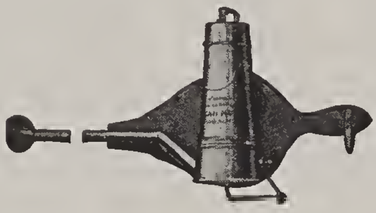
One of the newest-type Dusters, for use in dusting truck crops, in the garden, flower-beds, roach powder, etc.; has the glass-jar feature, which enables the operator to see the amount of dust in the container. Equipped with a long extension and adjustable nozzle which enables the operator to dust from underneath without bending. Capacity, 1 qt. Price, complete, $1.50.

MICHELL'S GARDEN, LAWN, GREENHOUSE ACCESSORIES, ETC.



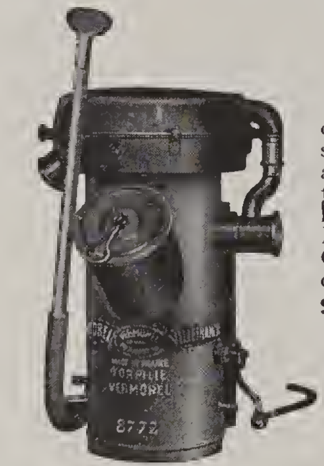
"Green" Hand Duster

Light, compact, sturdy, efficient. Large, powerful bellows; 30-inch extension, with spreader. Excellent for dusting either hill crops or underside of foliage. Capacity, 2 to 4 lbs. Price, $7.00.



Famos Hand Duster

An ideal machine for those who need a small but efficient Duster. Light and compact; equipped with 24-inch extension pipe. Can be adjusted to throw dust on the underside of foliage or at any angle desired. Price, $6.00.



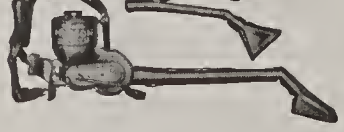
Double Action Duster

Vermorel Duster

A knapsack machine for dusting sulphur or sulphur and arsenate mixtures, arsenate of lead, Bordeaux Mixture, lime, etc. Capacity, 6 qts., dry measure.

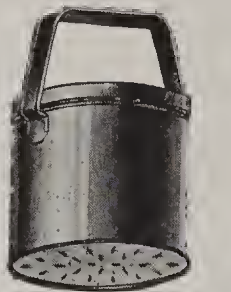
Single Action. This being of the bellows type, has no wheels, cogs, belts or other complicated mechanism that would be likely to wear. Equipped with fine and coarse screens, also strap for carrying. Price, $12.00 (by Parcel Post, $12.35).

Double Action. This is a bellows type and gives a semi-continuous flow. Especially adapted for work where growth is thick and for tree-dusting where longer range is necessary. Price, $16.00 (by Parcel Post, $16.35).



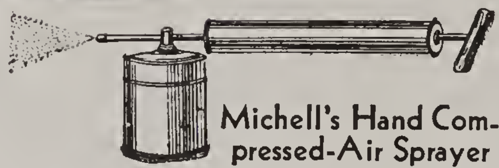
Hudson Duster

No. 606. Adapted for all truck farms, gardens, small orchards, and vineyards. Will handle all agricultural dusts. Made of heavy steel; gears machine-cut. Equipped with 2 nozzles, Y connection, and 4 15-inch telescoping tubes, also 2 adjustable carrying-straps. Price, $9.00.



Michell's Duster

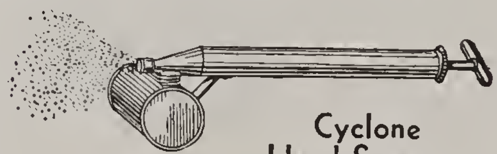
For applying dry insecticides, such as Bug Death, Slug Shot, Paris Green, etc. Practical and durable; easy to operate and gives quick covering to all plants and vines requiring a top application. Price, 75c. (by Parcel Post, 85c.).



Michell's Hand Compressed-Air Sprayer

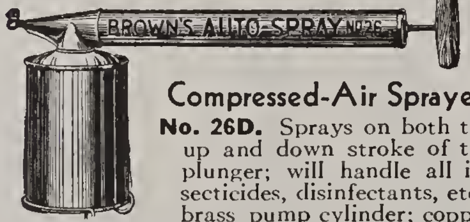
This is the best Hand Sprayer ever offered Very easily operated. Especially preferred by the ladies.

Tin. Price, 90c. (by Parcel Post, $1.00).
Brass. Price, $1.75 (by Parcel Post, $1.90).



Cyclone Hand Sprayer

Similar to the above, except it does not have the automatic air-reservoir attachment.
No. 112. Tin; large. Price, 50c. (by P. P., 60c.).

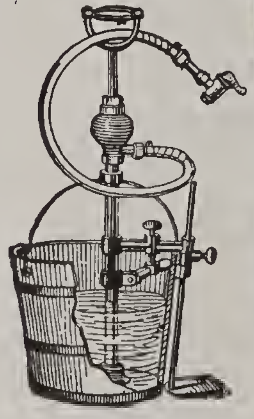


Compressed-Air Sprayer

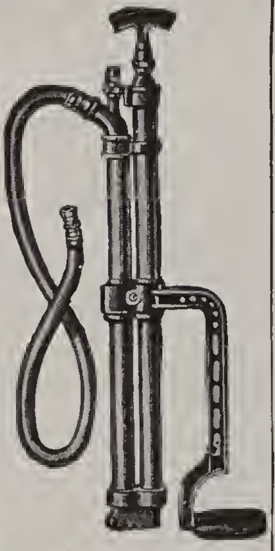
No. 26D. Sprays on both the up and down stroke of the plunger; will handle all insecticides, disinfectants, etc.; brass pump cylinder; copper bronze container combined straight and angle nozzle. Capacity, 1 qt. Price, $1.75.

Myers Bucket Pump

No. 327½. A double brass-chamber arrangement. Price, $3.75, including hose and nozzle (by Parcel Post, $3.95).



Perfect Success

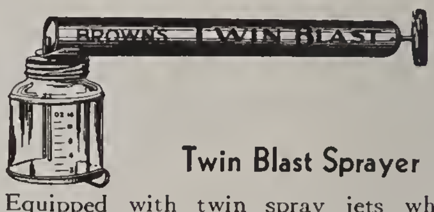


Myers Pump

Bucket Spray Pump

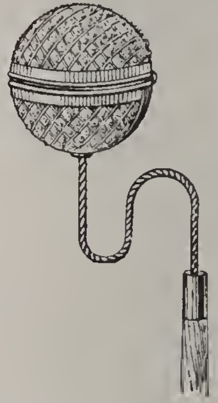
Made entirely of brass, except the footrest and hand-grip. The prices below do not include bucket, but include nozzle and 3½ ft. of ⅜-in. hose.

No. 689. Perfect Success (with bucket fastener). Price, $7.50 (by P. P., $7.75).



Twin Blast Sprayer

Equipped with twin spray jets which diffuse a large volume of fine spray. Glass tank enables the operator to know exactly how much liquid is in the container. Capacity, 1 qt. Price, 75c. (by Parcel Post, 85c.).

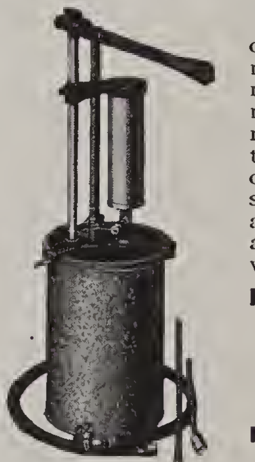


Asbestos Torch

For burning out worms, caterpillars, and other tree pests. Price, 50c. (by Parcel Post, 60c.).

Poles. Hardwood. 12 ft. Price, $2.00. Bamboo. 12 ft. Price, 50c.

Paragon Sprayers

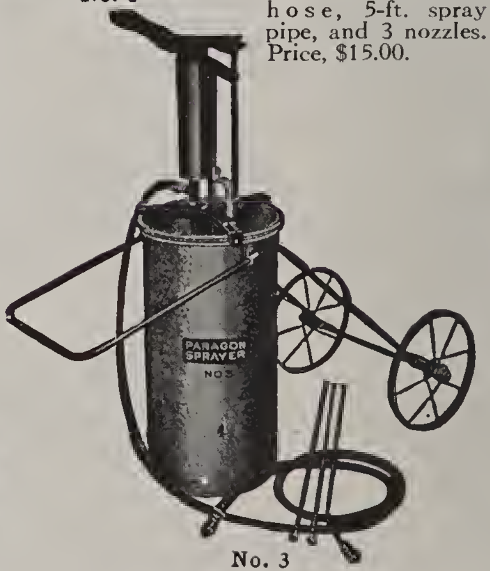


No. 1

These Sprayers are of superior quality in material and workmanship. They will not clog, therefore it is not necessary to strain the material used. Not only do they handle insecticides, fungicides, and disinfectants, but also whitewash, cold-water paints, etc.

No. 0. Capacity, 3½ gals. Equipped with 4-ft. special spray hose, 3-ft. spray pipe, and 3 nozzles. Price, $11.00.

No. 1. Capacity, 6 gals. Equipped with 5-ft. special spray hose, 5-ft. spray pipe, and 3 nozzles. Price, $15.00.



No. 3

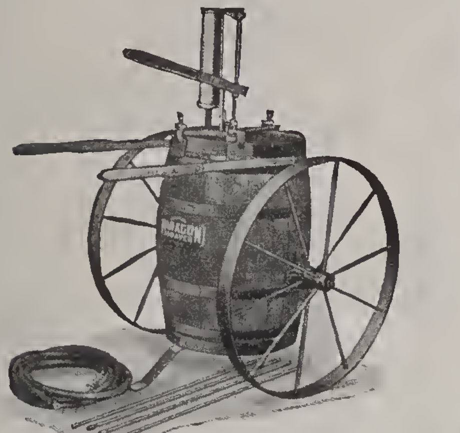
No. 3. Capacity, 12 gals. Equipped with truck, 10-ft. special spray hose, 7½-ft. spray pipe, and 3 nozzles. Price, $19.75. Without truck, $16.50.

We can also supply this Sprayer with single wheel at same price.

A Wheelbarrow Sprayer is an efficient time-saver

MICHELL'S SPRAYING APPARATUS

Paragon Sprayers, continued



No. 4

No. 4. Capacity, 28 gals. Equipped with truck, 20-ft. special spray hose, 10-ft. spray pipe, and 3 nozzles. Price, $35.00.

No. 5. Capacity, 50 gals. Equipped with 25-ft. special spray hose, 10-ft. extension pipe, one 3-way spray nozzle, 1 single-spray nozzle; no truck. Price, $40.00.

Bucket Washers for Paragon Sprayers, 25c.

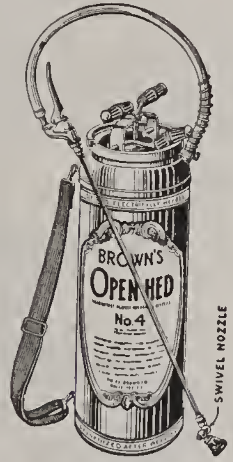
Fittings for Paragon Sprayers	Price
No. E85. 2-way Spray	$2 50
No. B35. Extension Pipes	60
No. E86. Y Fitting	1 00
No. B 7. Hose Coupling, complete	1 10
No. B18. Strainer	1 25
No. B10. Female Hose Coupling	70
No. B20. Stop-Cock	1 00
No. B24A. Mist Spray Nozzle	90
No. B22. Brass Hose Bands	10

Auto Spray

A compressed-air sprayer with open head and strongly reinforced corrugated tank.

No. 4-B. Brass Tank. Capacity, 4 gals. Equipped with hose and Auto-Pop Attachment. $9.90 (by P. Post, $10.15).

No. 4-D. Steel Tank. Capacity, 4 gals. Equipped with hose and Auto-Pop Attachment. $6.50 (by Parcel Post, $6.75).

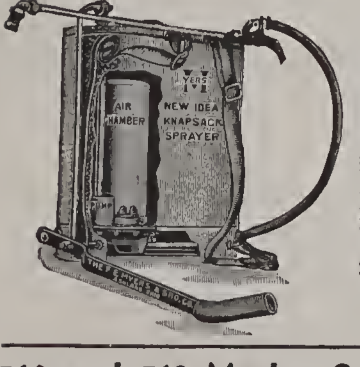

BROWN'S
OPEN HEAD
No 4
SWIVEL NOZZLE

Auto Spray

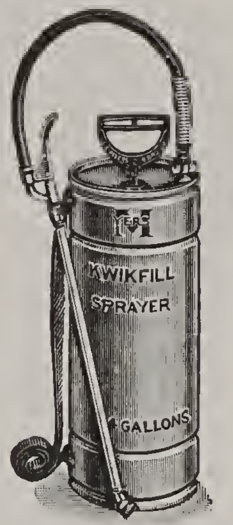
No. 3-D. Steel Tank. Capacity, 3 gals. Equipped with hose and Auto-Pop Attachment. $5.65.

Auto-Pop Nozzle Attachment. Controls the flow instantly by a pressure of the hand. When purchased separately: Plain, $1.50 each; complete with hose, $2.00.

Myers' New Idea Knapsack Spray Pump


AIR CHAMBER
MYERS
NEW IDEA
KNAPSACK
SPRAYER

No. 1330. Galvanized Tank. Capacity, 4 gals.; 1½-ft. brass extension rod. Weight, 15 lbs. Price, $12.50 (by Parcel Post, $12.75).


KWIKFILL
SPRAYER
4 GALLONS

Myers' Kwikfill Compressed-Air Sprayer

No. 2242. Galvanized Tank. Capacity, 4 gals. 1½-ft. brass extension rod. Weight, 13 lbs. Price, $5.50 (by Parcel Post, $5.75).

No. 2242B. Brass Tank. Capacity, 4 gals. 1½-ft. brass extension rod. Weight, 13 lbs. Price, $9.50 (by Parcel Post, $9.75).

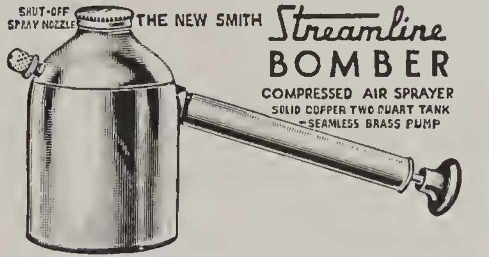
VERMOREL VILLEFRANCHE

Vermorel Knapsack Sprayer

A new copper Knapsack Sprayer which works on a compressed-air principle. Compact in construction and light in weight, so that it can be easily carried around. We will sell this Sprayer under the condition that if it is not satisfactory it may be returned at our expense. Price, $16.00 (by Parcel Post, $16.30).

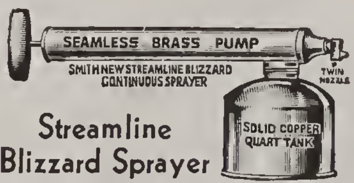
Deming Wheelabout Sprayer

A machine that is nicely balanced and easily transported. Extreme width, 1½ feet, narrow enough to go through the aisles of a greenhouse; 2-foot wheel with a 3-inch tread making it easily handled over soft and rough ground. Pump has 1½-in. diameter cylinder, with adjustable stroke. Equipped with 12-gal. galvanized tank, 10-ft. hose, 4-ft. extension pole, nozzle and shut-off valve. Price, $31.50.


SHUT-OFF SPRAY NOZZLE
THE NEW SMITH Streamline BOMBER
COMPRESSED AIR SPRAYER
SOLID COPPER TWO QUART TANK
SEAMLESS BRASS PUMP

Streamline Bomber Sprayer

No. 47C. Solid Copper Tank. Capacity, 2 qts. Weight, 12 lbs. Continuous spray. Price, $3.50.


SEAMLESS BRASS PUMP
SMITH NEW STREAMLINE BLIZZARD CONTINUOUS SPRAYER
TWIN NOZZLE
SOLID COPPER QUART TANK

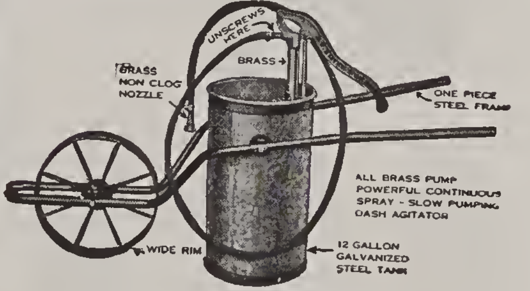
Streamline Blizzard Sprayer

No. 14C. Solid Copper Tank. Capacity, 1⅛ qts. Weight, 2½ lbs. Continuous spray. Price, $1.75.

Extension Pipes, Etc.

For reaching into trees. ⅜-in. threads.

Bamboo, brass-lined, 8 ft.	$6 00
Brass, 2 ft. (by Parcel Post, 70c.)	60
Pet Cock, for extension pipes	1 25
Paragon Extension, 2½ ft.	60


UNSCREWS HERE
BRASS
BRASS NON CLOG NOZZLE
ONE PIECE STEEL FRAME
ALL BRASS PUMP
POWERFUL CONTINUOUS SPRAY - SLOW PUMPING
DASH AGITATOR
WIDE RIM
12 GALLON GALVANIZED STEEL TANK

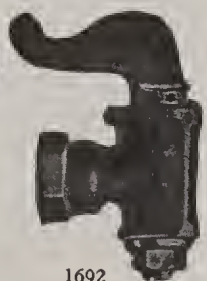
Wheelbarrow Sprayer

No. 50. Adapted for spraying vegetable crops, flowers, vineyards, orchards, etc.; also for spraying disinfectants or whitewash in poultry-houses or other buildings. Steel frame made in one piece; heavy galvanized tank; all-brass pump; 8-foot hose; all working parts brass; double action; continuous spray. Pump easily detached from the tank and the tank with wheel and frame used for wheeling water. Price, $15.00.

1688

1691

1074½



1692

Spray Nozzles (⅜-in. Thread)

If nozzles are wanted by Parcel Post, add 10c. each for postage.

Mistry, Jr. (Fig. 1688). Straight style.	$1 00
Mistry, Jr. (Fig. 1691). Elbow style.	1 00
Fig. 1074½. Y connection for making a double spray-head Nozzle	40
Bordeaux Nozzle. (Fig. 1692)	1 25

If Nozzles are wanted for ¾-in. hose connections, add 70c. to above prices.

MICHELL'S SPRINKLERS FOR LAWN AND GOLF GROUNDS

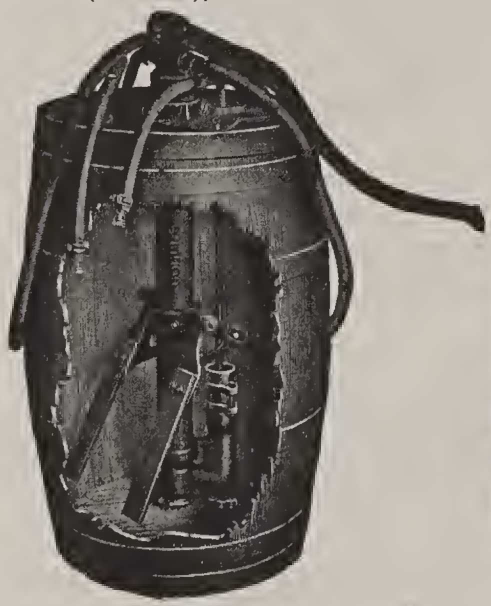
Gould's Fruitall Barrel Pump

Fig. 1188

A high-grade Pump at an attractive price, within the reach of everyone who has need for such a Pump. Extremely simple in design and a serviceable and reliable sprayer; 2-inch diameter cylinder; bronze wearing parts. Plain Pump, no hose, nozzle, or barrel, $12.00.

Outfit C. With agitator, one 25-ft. lead of ½-in. spray hose and one Mistry Jr. nozzle (no barrel), $16.50.

Outfit D. With agitator, two 25-ft. leads of ½-in. spray hose and two Mistry Jr. nozzles (no barrel), $21.00.



Gould's Pomona Barrel Pump

Fig. 1744

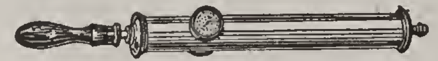
Of large capacity and powerful, with long adjustable leverage. Can be used for feeding one or two leads of hose. All working parts are bronze, with lasting qualities. Plain pump, 2½-in. diam. cylinder only (no barrel), $22.00.

Outfit C. With one 25-ft. section ½-in. spray hose and one Mistry Jr. nozzle (no barrel), $26.50.

Outfit D. With two 25-ft. sections ½-in. spray hose and two Mistry Jr. nozzles (no barrel), $31.00.

Barrels for holding spray solution, 50-gallon capacity, $7.00 each.

Truck with 3½-in. tire wheels, $20.00.



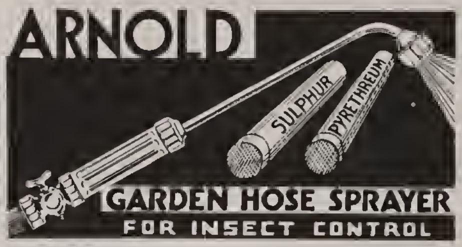
Heavy Brass Syringes

	Price	By Parcel Post
No. 99. 1½-in. diam.; 18 in. long. 1 spray	$3 50	$3 70
No. 101. 1¼-in. diam.; 14 in. long. 2 sprays	4 00	4 20
No. 101A. 1½-in. diam.; 16 in. long. 2 sprays	5 00	5 20
No. 110. 1¾-in. diam. 20 in. long. 2 sprays	8 00	
No. 120. 1¾-in. diam.; 20 in. long. Adjustable	10 00	

Liquid Manure Distributor

This can be attached to hose with which you are watering and connected with a barrel of liquid manure. The suction of water will draw a quantity of manure with it. $2.75 each (by Parcel Post, $2.85).

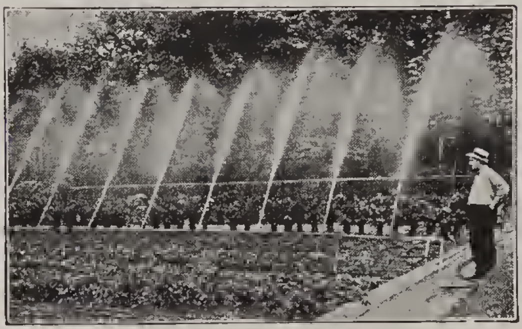
Parcel Post charges, where named, are for shipment to the First and Second Zones; for other Zones, please see Parcel Post Table, page 1.



As Easy as Watering Your Lawn

The Arnold Garden Hose Sprayer attaches to your garden hose in place of the regular nozzle. It consists of shut-off, cartridge chamber and extension nozzle. Price, $3.50, complete.

Cartridges: Insect-control, Plant-disease Control, or Nicotine Control, each, 35 cts.; $2.00 for 6.



Skinner System of Garden Irrigation

Line covers 50 feet wide; complete, ready to use.

	Stationary	Portable
50-ft.	$16 50	$18 50
100-ft.	26 50	35 00
150-ft.	38 00	52 00
200-ft.	50 00	70 00

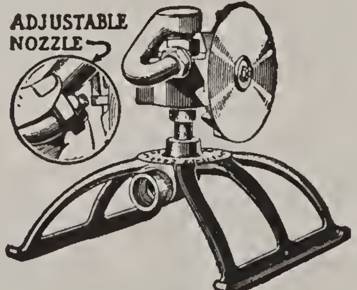
F.o.b. factory

Prices on longer lines on request.

Posts for above lines, 10c. per foot. Specify if lines are to be pipe- or hose-fed.

Automatic Oscillator for above lines, $27.50 extra.

Hand Turn Union is included in above prices.

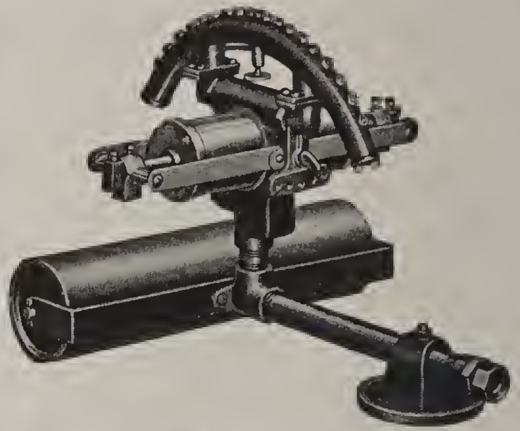


Double Rotary

A favorite with country clubs for watering putting-greens. Covers a radius of 15 to 40 feet. Price, $12.50 (by Parcel Post, $12.75).

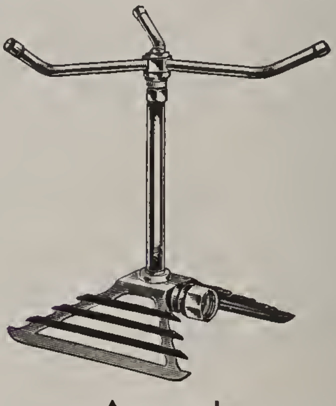
Economy President

The simplicity, durability, and efficiency of this Sprinkler have won for it the enthusiastic commendation of greens keepers everywhere. Especially adaptable to the hoseless system of fairway and greens watering. Capacity, 12 to 20 gals. per minute. Coverage, 80 to 120-ft. diam. Price, $16.50.



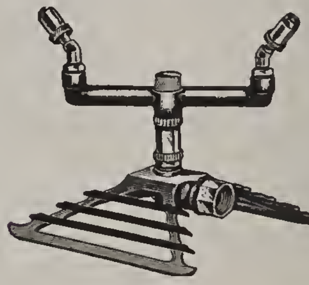
Rain-Wave

Covers a space 50 to 60 feet square. Adjustable to one-half or one-quarter full coverage. Weight, 17 lbs. Price, $35.00.



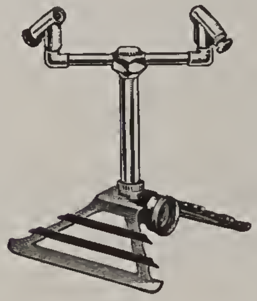
Anaconda

A reliable and popular Sprinkler. Large, polished brass head; polished brass arms. Sprinkles a circle up to 34 feet in diameter. 10⅝ inches high. Price, $1.75.



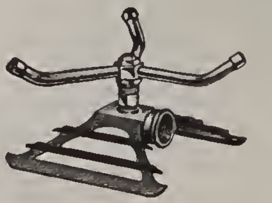
Parkside

Suitable for high or low water pressure. Adjustable for every sprinkling condition. Sprinkles from a fine mist to a heavy shower. Price, $2.75.



Junior

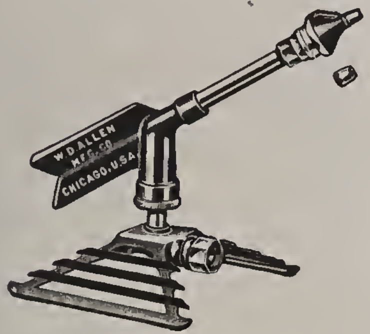
An all-purpose lawn Sprinkler. Adjustable from a revolving to a stationary Sprinkler. Suitable for high or low pressure. 8 inches high. Price, $2.00.



Zenith

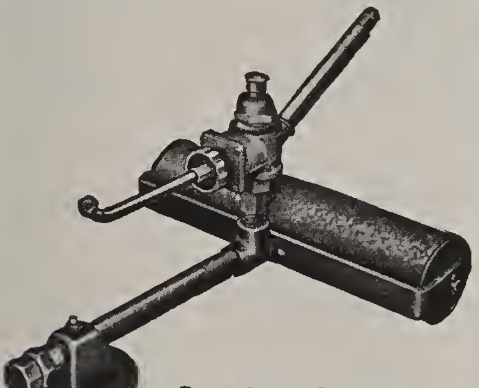
Highly polished brass head and arms. Sprinkles a circle up to 32 feet in diameter. 4 inches high. Price, $1.25.

MICHELL'S SPRINKLERS—GREENHOUSE ACCESSORIES, ETC.


W. D. ALLEN
MFG. CO.
CHICAGO, U.S.A.

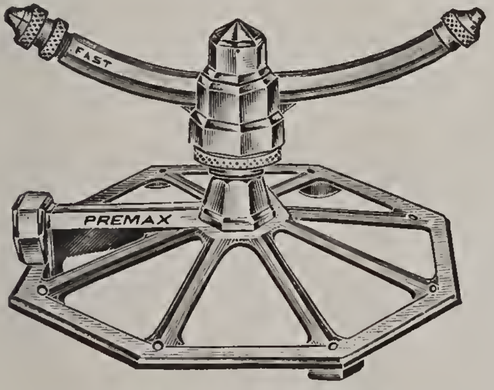
Red Arrow

A practical Sprinkler of the rotary type, operated by means of a simple vibrating mechanism and the angle of the discharge head. Designed for use on large lawns, estates, cemeteries, parks, golf greens and fairways, and with an average waterpressure. Price, $3.50.



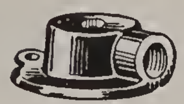
Broadway Rotary

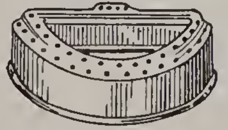
Designed to be a high-type Sprinkler for parks, golf-course fairways, cemeteries, and spacious lawns. The principle of operation is a long-throw, effective stream supplemented by a secondary spray watering the central area. Made of solid brass. Price, $16.50.



Premax Floating Head

A constant cushion of water eliminates all metal-to-metal bearings and gives a Sprinkler that will operate on low pressure as well as regular water systems. Covers an area of 6 to 60 feet. Price, $2.50.


C. B. G.

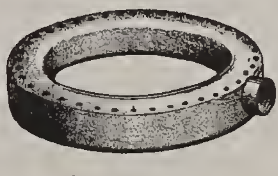

Crescent

C. B. G.

Especially fine for putting-greens. Height, 4 in. Price, 35c. (by Parcel Post, 45c.).

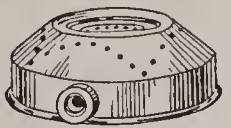
Crescent

Height, 2 in. Price, 85c. (by Parcel Post, 95c.).



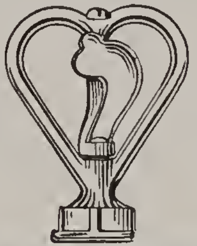
Large Ring

Height, 2 in. Price, 75c. (by Parcel Post, 85c.).



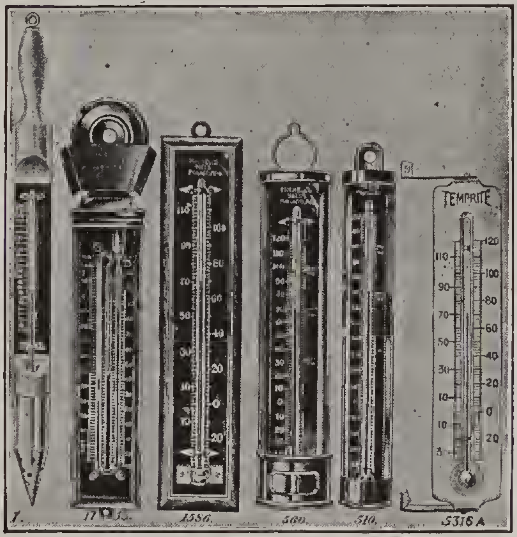
Baby Ring

Height, 2 in. Price, 50c. (by Parcel Post, 60c.).



Blake

A Sprinkler Head used where there is a pipe system on the lawn or golf course. Price, 50c. each (by Parcel Post, 55c.); doz. $5.50 (by Parcel Post, $5.65).



THERMOMETERS

No. 1757. Maximum and Minimum. Registers the coldest and warmest point during the previous night. 10-in., black tin case. Price, $4.75.

Tested Thermometers

If wanted by Parcel Post, add 10c. each for postage.

	Each
No. 506. Tin Case. 8-in.	$0 85
No. 510. Tin Case. 10-in.	1 00
No. 556. Greenhouse. 8-in.	1 25
No. 560. Greenhouse. 10-in.	1 50
No. 652. Genuine Copper Case. 8-in.	2 00
No. 656. Genuine Copper Case. 10-in.	2 25
No. 1582. Wood Back, Black Scale. 8-in.	2 00
No. 1586. Wood Back, Black Scale. 10-in.	2 25
No. 5127. Temprite Greenhouse. 8-in. White enamel; red column	1 00
No. 5316A. Temprite Window or Wall. 8-in. White enamel; red column	1 00

Glass Dairy Thermometer

For testing milk, etc.; also used for soil purposes. Price, 50c. (by Parcel Post, 60c.).

Recording Thermometer

No. 200. This type of Thermometer, which can be equipped with either a daily or weekly chart, enables one to keep an accurate record of the temperature in his greenhouse during every hour of the day and night. The Thermometer is equipped with a high-grade clock and ink stylus which marks very accurately. It is an ideal installation. In ordering, state if weekly or daily record chart is desired. Price, $37.50.

Mushroom or Hotbed Thermometer

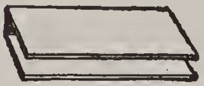
No. 20450. Iron point; oxidized finish. Price, $3.00 (by Parcel Post, $3.15).

Michell's Wagon Heater

For heating wagons, automobiles, or delivery trucks. Efficient, durable, economical, safe. 14-in. diam., 19 in. high. Price, $6.00.

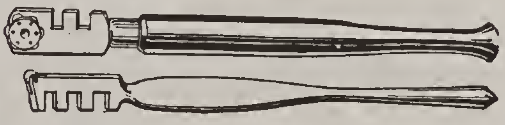
Coal for Wagon Heater

$1.25 per 20 briquets; per 100 bricks, $8.75.



Peerless Glass Repair Clamp

For supporting broken lights of glass. Will not rust. Price, $1.75 per 100 (by Parcel Post, $1.85).

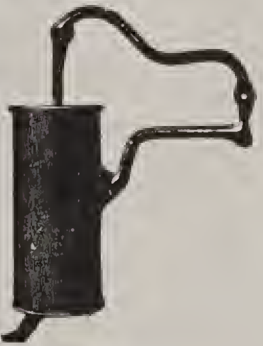


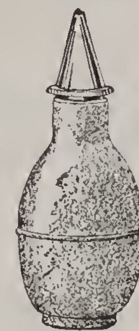
Glass Cutters

	Each
Single Wheel, steel	$0 30
6-Wheel, steel	50
No. 8. Small Diamond. Ebony handle	5 00
No. 8A. Large Diamond. Mahogany handle	6 00

Putty Distributor

For distributing putty, mastica, etc. Price, $1.50 (by Parcel Post, $1.60).


Mastica Machine


Putty Distributor

Mastica Machine

For distributing mastica, etc. Made of heavy zinc. Price, $3.15 (by Parcel Post, $3.30).

Liquid Glazing Putty

Superior to ordinary Putty; more easily applied and lasting. Can be put on with a putty bulb or mastica machine.

Especially adapted for glazing wood and metal sash. Gal., $2.50.

Masticote Glazing Cement

Black. Apply with a mastica machine. Gal. ,$1.50.

Mastica

For glazing greenhouses. One gallon will cover about 300 running feet. Gal., $2.50.

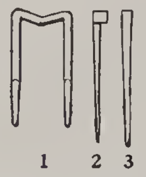
Greenhouse Paint

A superior white paint for sash-bars, sash-frames, etc. Gal., $3.75.

Skybryte Glass Cleaner

For taking off whitewash shading, etc. Coat the glass with Skybryte, flush off with water, and glass is clean. Five pounds to 20 gallons of water is sufficient for 20,000 square feet of glass. 5 lbs. $4.00; $16.50 per 25 lbs.

MICHELL'S GARDEN AND GREENHOUSE ACCESSORIES, ETC.



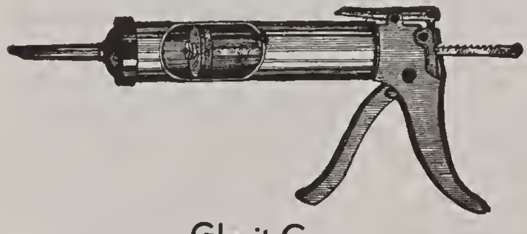
Glazing Points
No. 1. Peerless
No. 2. Siebert's
No. 3. Zinc Nails

Electric Thermostat

This device can be set to ring an alarm when the temperature goes above or drops below a desired point. All brass.

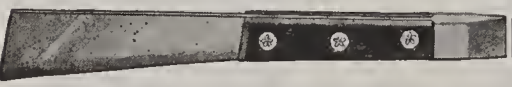
No. GH3. Not waterproof style. Price, $11.50 (by Parcel Post, $11.75).

No. GH4. Waterproof style. Price, $17.50 (by Parcel Post, $17.75).



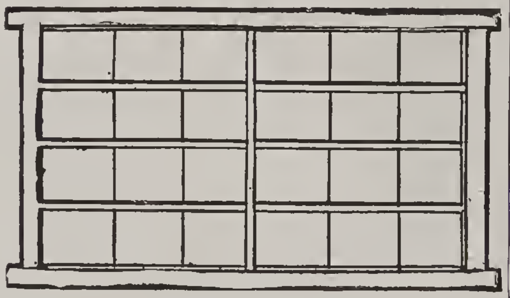
Glazit Gun

For applying liquid glazing putty, mastica, etc. Price, $4.50 (by Parcel Post, $4.65).



Glazing Chisel

Made of the best-quality steel. Price, $1.40 (by Parcel Post, $1.55).

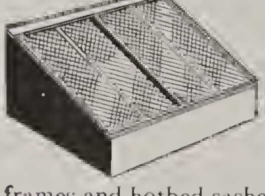


Hotbed Sash

Philadelphia Style. Made of best-quality cypress. Size: 3 ft. 1½ in. wide, 6 ft. long, 1¾ in. thick.

	Each
Plain, not glazed or painted	$3 50
Glazed, primed and puttied	7 50

Cel-O-Glass



Grow your own plants and get earlier flowers and vegetables with Cel-O-Glass. Use the new improved style on your coldframes and hotbed sashes, for such important new uses as cylinders and cones for individual plants, forcers for row plants, and newly planted seeds. Can be used where ordinary glass and cloth cannot and is much lighter. Sashes are easier to handle; not affected by hail, snow, rain or wind and cannot break like glass; flexible; easy to cut and use; highly translucent, lets in the ultra-violet rays of sunshine.

The new improved Cel-O-Glass lasts twice as long; saves heavy lifting, breakage, and repair expense. 28-in. and 36-in. widths.

	28 in.	36 in.
Cut pieces, per running ft.	$0 35	$0 40
Full-roll lots, per running ft.	32	38

Glazing Points

See illustration opposite, at left

Peerless. Three sizes.
No. 1. For single-thick glass.
No. 2. For single-thick glass.
No. 2½. For double-thick glass.
Price, 75c. per 1000 (by Parcel Post, 85c.).

Pincers. For driving Peerless Points. Price, $1.00 (by Parcel Post, $1.10).

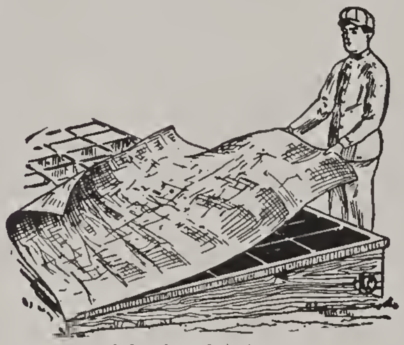
Siebert Style. Zinc. Made with a prominent head. Cannot rust. Easily driven. ⅝-, ¾- and ⅞-in. 50c. per lb. (by Parcel Post, 60c.); 5 lbs. $2.40 (by Parcel Post, $2.55). (1000 to 1200 in a pound.)

Zinc Glazing Nails. 50c. per lb. (by Parcel Post, 60c.).

Flex-O-Glass

A glazed cloth used in place of glass in poultry houses, hotbeds, greenhouses, etc. Transparent and readily admits light, while at the same time withholding cold, water and wind. 3 ft. wide.

Cut pieces	25c. per yd.
Full-roll lots (100 yds.)	23c. per yd.



Hotbed Mats

Hotbed Mats keep frost and severe cold out of frames. They mean earlier and bigger crops. The Burlap style is the best mat that it is possible to procure. It is padded with shoddy and is practically indestructible.

Burlap, Non-Waterproof. 76 x 76 in., covering two regular-size sash. $3.50 each; doz. $40.00.

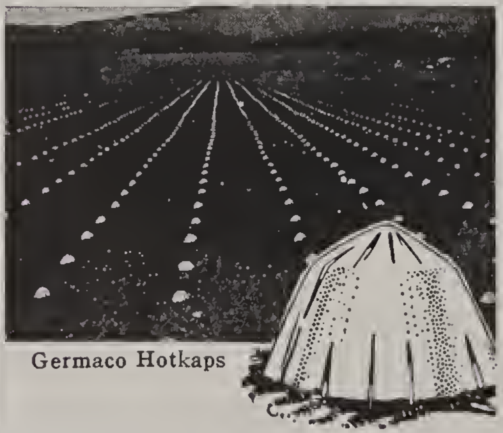
Burlap, Non-Waterproof. 40 x 76 in., for one sash. $2.00 each; doz. $22.00.

Burlap one side, **Waterproof Drill** one side. 76 x 76 in. $4.50 each; doz. $52.00.

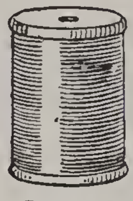
Burlap one side, **Waterproof Drill** one side. 40 x 76 in. $2.50 each; doz. $28.50. Special sizes of the above mats made to order. Prices on application.

Burlap

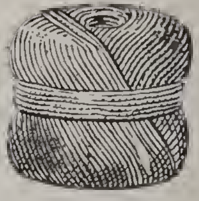
For covering shrubbery, etc.	Per yd. Plain	Green
3 ft. wide, cut pieces	$0 14	$0 22
Full pieces, 100 yds.	13	21
40 in. wide, cut pieces	15	23
Full pieces, 100 yds.	14	22
4 ft. wide, cut pieces	17	25
Full pieces, 100 yds.	16	24



Germaco Hotkaps



Silkaline



Green Sea Island

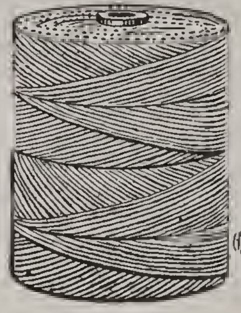
Twines, Etc.

If Twines are wanted by Parcel Post, add 10c. per lb. for postage.

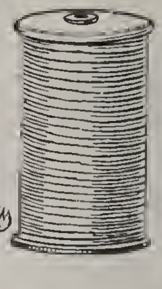
	Ball	Lb.
White Cayuga.		
No. 108. Medium	$0 35	$0 65
No. 208. Heavy	35	65
Jute. 2-ply and 3-ply	15	25
Linen Bouquet	15	85
Green Sea Island	10	70
No. 4½. Japanese Twine. Medium heavy	30	
White Cotton, 3-ply and 4-ply	15	55
Peerless. Color, Nile green		70
Tarred. For mat-making	30	
Tarred Sisal. For fodder		16
Binder. 5-lb. balls	80	
Express. Very heavy	25	

Green Silkaline. For stringing Smilax, Asparagus, etc. F, fine; FF, medium; FFF, coarse. 35c. per spool; lb. (8 spools) $2.75.

Everbest Thread. Very similar to the above; fast color. 25c. per spool; lb. $1.50.



Peerless



Raffiatape

Raffia

For tying, basket-making, and fancywork. Very long and fibrous.

Natural Color. 40c. per lb. (by Parcel Post, 50c.); 5 lbs. $1.90 (by Parcel Post, $2.05).

Green. 75c. per lb. (by Parcel Post, 85c.); 5 lbs. $3.50 (by Parcel Post, $3.65).

Raffiatape

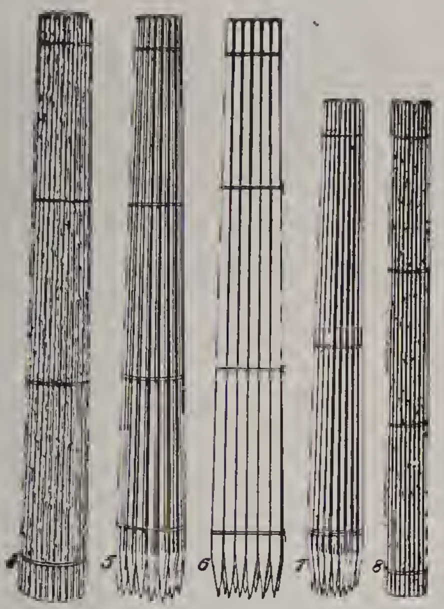
This article is made of a composition of paper and linen and is tremendously strong. It is about ⅛ inch wide and comes 250 yards to a spool. This is very desirable for tying bouquets, flower-boxes, or for any other purpose where attractive tying material is desired. Color, Nile green. Spool of 250 yards, 80c. (by Parcel Post, 90c.); 6 spools $4.75 (by Parcel Post, $4.95).

Germaco Hotkaps

An individual hothouse for each and every plant. Protects plants from frost and other elements; matures crops earlier; keeps insects out; keeps soil soft. Made of scientifically constructed wax paper. 1000 lots, $10.00; 5000 lots, $9.65 per 1000; 10,000 lots, $9.55 per 1000; 250, Trial Pkg., including Garden Setter with Tamper, $3.75; Home pkg. (100), including Garden Setter with Tamper, $2.50 (by Parcel Post, $2.70); Home Garden pkg., containing 25 Hotkaps and Cardboard Setter, 50c.

Germaco Hotkap Steel Setters. For setting Hotkaps accurately and quickly, $2.00 each (by Parcel Post, $2.15).

MICHELL'S PLANT STAKES, WIRE, ETC.



Key to above illustration: No. 4, Japanese Cane, natural; No. 5, Dahlia; No. 6, Square; No. 7, Tapering; No. 8, Japanese Cane, green

Plant Stakes

No. 10, Steel Wire, Galvanized

	Doz.	100	1000
2 -ft.	$0 25	$1 25	$8 75
2½-ft.	30	1 60	10 50
3 -ft.	40	2 00	12 10
3½-ft.	45	2 25	14 25
4 -ft.	50	2 50	16 50
4½-ft.	55	2 75	18 75
5 -ft.	65	3 00	21 00
6 -ft.	85	3 50	23 00

No. 8, Steel Wire, Galvanized

For staking American Beauty and other strong growing roses.

	Doz.	100	1000
2 -ft.	$0 30	$1 60	$12 40
2½-ft.	40	2 00	15 50
3 -ft.	50	2 25	18 25
3½-ft.	55	3 00	21 75
4 -ft.	60	3 25	24 25
4½-ft.	65	3 50	26 50
5 -ft.	70	3 75	28 60
6 -ft.	90	4 75	35 25

Green-Painted Tapering Plant Stakes

	Each	Doz.	100
1½-ft.	$0 04	$0 35	$1 75
2 -ft.	06	55	3 25
2½-ft.	07	75	4 75
3 -ft.	10	1 00	6 25
3½-ft.	11	1 15	7 50
4 -ft.	13	1 40	9 00
5 -ft.	16	1 75	11 50

Green-Painted Rose or Dahlia Stakes

	Each	Doz.	100
3-ft.	$0 15	$1 40	$9 50
4-ft.	20	1 90	13 00
5-ft.	25	2 40	16 50
6-ft.	30	3 00	20 00

Ash Wood Garden Stakes

	Each	Doz.	100
3-ft.	$0 07	$0 70	$5 00
4-ft.	10	1 00	6 00
5-ft.	12	1 25	8 50
6-ft.	20	1 85	14 00

Square Painted Plant Stakes

	Each	Doz.	100
1½-ft.	$0 04	$0 30	$1 75
2 -ft.	05	50	2 50
2½-ft.	07	65	3 00
3 -ft.	10	1 05	6 25
4 -ft.	15	1 35	9 50
5 -ft.	20	2 00	12 75
6 -ft.	25	2 50	14 00

Hyacinth Stakes, Wood, Dyed Green

Used for staking hyacinths, tulips, and slender plants.

	Doz.	100	1000
5-in.	$0 05	$0 20	$1 00
12-in.	07	30	1 75
18-in.	10	40	2 50

Japanese Cane Stakes

These are very attractive for all-purpose plant-staking. Thin and very strong.

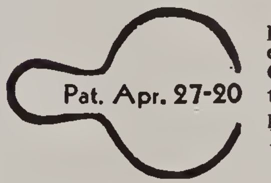
	Doz.	100	1000
1½-ft., green	$0 15	$0 65	$2 50
2 -ft., green	20	90	3 00
2½-ft., green	25	1 15	3 75
3 -ft., green	30	1 25	4 50
3½-ft., green	35	1 40	5 50
4 -ft., green	40	1 75	6 50
5 -ft., green	45	2 00	8 00
6 -ft., natural	45	2 00	12 50

Chinese Tonkin Bamboo Stakes

A heavy, substantial stake for dahlias, ivy, young trees, etc.

	Doz.	100
4 ft. high, ⅜-in. diam.	$0 55	$3 00
6 ft. high, ⅝ to ¾-in. diam.	75	5 50

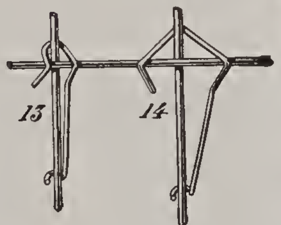
Lightning Wire Stake Tie



For fastening plants to stakes, either wire or wood. Can be used many times. 35c. per 100; per 1000, $2.50 (by Parcel Post, $2.60).

Stake Fasteners

These take the place of string entirely, lasting several seasons. Used for fastening cross wires to galvanized stakes.



Eureka Everlasting

	500	1000
Everlasting Style. Heavy	$1 75	$3 00
Eureka Style. Light	1 25	2 25

If wanted by Parcel Post, add 10c. per 500; 15c. per 1000, for postage.

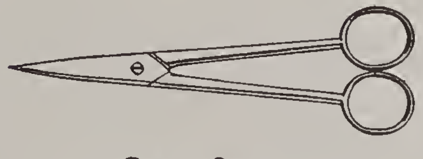
Bamboo Poles

Used extensively for brushing worm-casts off putting-greens; also for staking young trees.

	Each	Doz.	100
16 ft. long	$0 25	$2 50	$15 00
18 ft. long	35	3 25	22 00
20 ft. long	45	4 00	27 50

Poles (Wood)

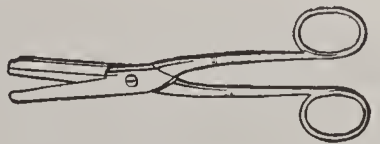
	Each
12 ft. long, 1½-in. diam.	$2 00
14 ft. long, 1½-in. diam.	2 50



Grape Scissors

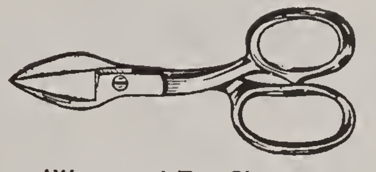
For thinning out bunches of grapes and not disturbing the berries that are to remain for development.

No. 846. 6-in. Price, $1.25 (by Parcel Post, $1.35).



Flower Scissors

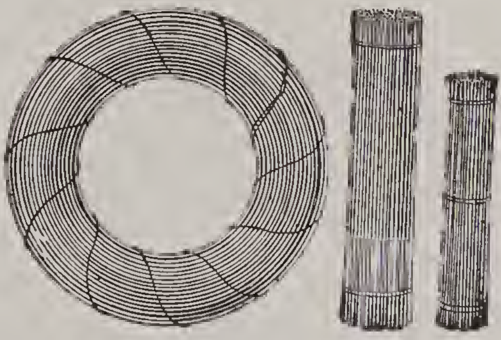
No. 575. Cuts flowers and holds the stems. Price, $2.00 (by Parcel Post, $2.10).



Wire and Tin Shears

If wanted by Parcel Post, add 10c. each for postage.

No. 369. 7-in.; serrated edge; long blade	$1 75
No. 833. 7½-in. Used for cut-flower wire, etc.	1 10
No. 832. 8-in. Used for cut-flower wire, etc.	1 15
No. 12. 8-in. For heavy wire and tin	1 25
No. 10. 10-in. For heavy wire and tin	2 00



Wire

If wanted by Parcel Post, add 10c. per lb.; 25c. per 12 lbs. for postage.

	Lb.	12-lb. Stone
No. 16. Galvanized	$0 20	$1 50
No. 18. Galvanized	25	1 65
No. 19. Galvanized	25	1 80
No. 20. Galvanized	25	1 90
No. 22. Galvanized	30	2 00
No. 16. Annealed	18	1 40
No. 18. Annealed	20	1 50
No. 20. Annealed	25	1 75
No. 22. Annealed	25	1 85
No. 24. Annealed	30	2 00

Tinned Wire

Used for bunching celery, etc.

No. 19. In 10-lb. boxes, cut 8½ in. 30c. per lb.; per box, $2.25.

Cut Bouquet Wire

For Stemming Flowers

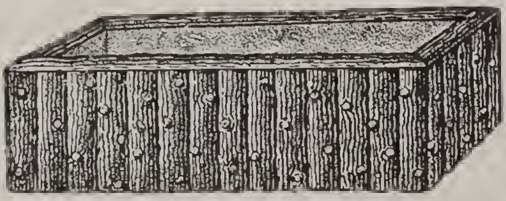
Cut 9, 12, or 18 inches in length.

	Lb.	Box (12 lbs.)
No. 19. 18 in. only	$0 20	$1 75
No. 20	25	2 00
No. 21. 18 in. only	25	2 00
No. 22	30	2 50
No. 24	35	3 00

ALL PRICES SUBJECT TO MARKET CHANGES

A nice window-box will furnish a lot of bloom

WINDOW AND PORCH BOXES, ETC.



Rustic Window-Box

Window-Boxes

Wooden Rustic Bark Style. Attractively made and neatly finished. For indoor or outdoor use.

Length	Depth outside	Width outside	Price
24 in.	7½ in.	11 in.	$1 75
30 in.	7½ in.	11 in.	2 25
36 in.	7½ in.	11 in.	2 50

Any length made to order, $1.00 per running foot, 11 inches wide.

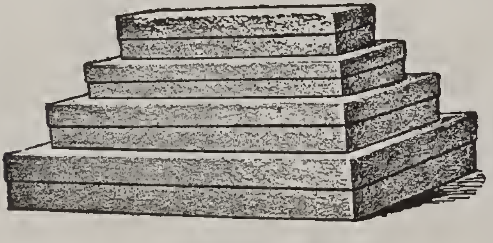
Rustic Bark (Cedar)

For covering boxes, columns, or any other article.

1 sq. ft.	$0 15
25 sq. ft.	2 75
50 sq. ft.	5 00

Birch Bark

Lb. 50c.; $4.50 per 10 lbs.



Cut-Flower Boxes

Corrugated Paper

These are desirable for shipping cut-flowers from country estates to city residences. Very durable. Prices include clips for setting up.

	Each	Doz.
48 x 14 x 8 in.	$0 60	$5 00
42 x 14 x 8 in.	50	4 00
36 x 14 x 6 in.	45	3 50
30 x 12 x 6 in.	40	3 00
24 x 8 x 5 in.	25	2 00

Light-Weight Paper

Mist-green, lined white inside. The sizes offered in this finish are carried in stock; other sizes in this finish, also in manila, mist-tan and Oxford gray can be supplied on short notice.

Length Width Depth	Doz.	100
18 x 5 x 3 in.	$0 70	$4 40
24 x 5 x 3½ in.	1 10	7 00
24 x 8 x 4 in.	1 30	8 80
28 x 8 x 5 in.	2 00	12 20
30 x 10 x 6 in.	2 25	16 50
30 x 12 x 7 in.	3 00	21 00
36 x 8 x 5 in.	2 25	16 50

We can also supply other sizes and styles of Boxes.

Paper for Wrapping Boxes and Flowers

	Lb.	½ ream	Ream
Manila. For wrapping.	$0 25	$2 25	$4 00
Manila. Tissue	25	1 10	2 00
White Wax. 24 x 36 in.	35	1 50	2 75
Green Wax. 24 x 36 in.	40	1 75	3 00

Crepe Paper

(Waterproof)

Colors: Moss-Green, Nile-Green, Red, Blue, Pink, Yellow, Purple, Lavender, and White. 50c. per roll (by Parcel Post, 60c.).

Window-Boxes

Plain Wood Style. (Painted Green.) We recommend these for use at the temporary summer home in the country or at the seashore, or in cases where one may not feel like spending a larger amount than these entail.

Length	Depth outside	Width outside	Price
24 in.	6½ in.	8 in.	$1 25
30 in.	6½ in.	8 in.	1 50
36 in.	6½ in.	8 in.	1 75

Any length made to order, 80c. per running foot, 8 inches wide.

Window and Porch-Box Paint

Weather-resisting; mixed especially for the purpose; will not fade when exposed to weather or soil conditions. Two colors only, White or Chrome-Green. Pt. 60c.; $1.05 per qt.; gal. $3.50.

Perfecto Flower-Boxes

Air-circulating; Self-irrigating

Made of coppered steel, which will neither rust nor deteriorate. Finished in enameled green.

Length	Depth	Width	Price
20 in.	6 in.	7 in.	$1 00
26 in.	6 in.	7 in.	1 25
32 in.	6 in.	7 in.	1 50
38 in.	6 in.	7 in.	2 00
44 in.	6 in.	7 in.	2 50

These can be furnished in ivory color at an additional cost of 25c. each.

Roofing Paper, Etc.

Celery Paper. 500 sq. ft. $2.00 per roll.

Marley Rubber Roofing. 2-ply. 108 sq. ft., $3.00 per roll.

Marley Rubber Roofing. 3-ply. 108 sq. ft., $3.50 per roll.

Caps for paper. Lb. 15c. (by Parcel Post, 25c.); 70c. per 5 lbs. (by Parcel Post, 85c.).

Nails for paper. Lb. 15c. (by Parcel Post, 25c.); 70c. per 5 lbs. (by Parcel Post, 85c.).

Sundries

Bulb Fibre. Qt. 15c.; 45c. per ½pk.; pk. 75c.; $1.25 per ½bus.; bus. $2.00.

Bull Dog Clips. For fastening packages, etc. $1.00 per box (by Parcel Post, $1.10).

Carnation Bands. *Rubber.* For mending burst calyx. Oz. 25c.; 90c. per ¼lb.

Carnation Clips (Baur's). For mending carnations. $1.50 per 1000. Pliers for attaching same, $3.25.

Carnation Staples. *Wire.* 50c. per 1000.

Celery Tape, Fast Red. 1000-yd. spools $4.00 (by Parcel Post, $4.15).

Celery Tape, Green. 1000-yd. spools $3.00 (by Parcel Post, $3.15).

Charcoal. *Lump.* For use in potting. Pk. 65c.; $1.50 per bus.; bbl. sack, $2.00.

Charcoal. *Ground.* Coarse, fine, and powdered. Lb. 10c.; 35c. per 5 lbs.; 10 lbs. 60c.; $1.25 per 25 lbs.; 100 lbs. $3.50.

Moss. *Green Lump.* Pk. 50c.; $1.50 per bus.; bbl. bag, $2.50.

Moss. *Green Sheet.* Lb. 30c.; $2.50 per bag.

Moss, Sphagnum. *Dry.* Bbl. bags $1.25; $3.00 per large bale.

Moss, Sphagnum. *Live.* Pk. 40c.; $1.25 per bus.; bbl. $3.00.

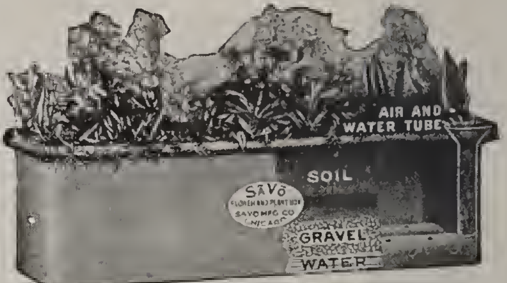
Pearl Chips. For bulb-bowls, aquariums, etc. White or colored. 1-lb. pkg. 10c. (by Parcel Post, 20c.); $1.00 per 12 pkgs.
In bulk, white, 75c. per 10 lbs. Colored, $1.00 per 10 lbs.

Peat or **Leaf Mould.** Pk. 45c.; $1.25 per bus.; bbl. $3.00.

Peat, Orchid. Pk. 50c.; $1.60 per bus.; bbl. bag $3.25.

Pebbles. Qt. 10c.; 75c. per pk.; bus. $2.50; $5.00 per bbl. sack.

Pruning Compound or **Tree Dressing (Fralm's).** Qt. 50c.; $1.50 per gal.



Window-Boxes

Savo Self-watering

The Savo Flower- and Plant-Boxes are made of the best grade of galvanized steel, with neat round corners and a full roll rim. Watering is easy, drainage ample, air-circulation perfect. The green enamel finish, both inside and out, prevents rust or leakage. Reservoir requires water about every 10 days to two weeks.

	Height	Width	Length	Price
Model A	8 in.	9½ in.	23 in.	$3 25
Model B	8 in.	9½ in.	29 in.	3 75
Model C	8 in.	9½ in.	35 in.	4 25
Model D	8 in.	9½ in.	41 in.	4 75

These are outside measurements, including the ¾-inch roll rim.

Sundries, continued

Sand. For propagating. Qt. 10c.; 40c. per pk.; bus. $1.40; $3.00 per bbl. sack.

Shaderine. For shading greenhouse glass. 5 lbs. $1.50; $2.75 per 10-lb. can.

Soil. For potting. Qt. 10c.; 25c. per ½pk.; pk. 40c.; $1.50 per bus.; bbl. bag $3.25.

Soil. Plain top. 100 lbs. $1.00; $4.50 per 500 lbs.; 1000 lbs. $8.00; $15.00 per ton, in bags. Tons in bulk, truck-load lots, approximately 3 tons to the truck, $10.00 per ton.

Tinfoil, Plain. In 5- and 6-in. widths, 1-lb. pkg. 25c. (by Parcel Post, 35c.); $1.00 per 5 lbs. (by Parcel Post, $1.15). 5-in. width in 5-lb. rolls, $1.00 (by Parcel Post, $1.15).
Green or **Violet** in 1-lb. pkgs. 40c. (by Parcel Post, 50c.).

Toothpicks. Wired. 50c. per 1000; per 10,000, $3.50.

Toothpicks. 4-in.; wired; green. $1.00 per 1000; per 4500, $4.00.

Toothpicks. 6-in.; wired; green. $1.20 per 1000; per 3000, $3.30.

Weed Killer (Michell's). Qt. 50c.; $1.50 per gal.; 5 gals. $6.25; $30.00 per 30 gals.; 50 gals. $42.50.

BB Garden Flats

These are a great convenience to anyone growing plants, flowers, or vegetables from seed. Made from choice lumber and have a removable front so that the pots can be easily taken out without breaking up the soil or disturbing the roots. The 2-inch pots are suitable for most flowering plants and smaller vegetables; the 3-inch pots, for tomatoes, eggplants, cabbage, etc.

Prices for Flats Only

No.	Size	Capacity	Each
X1.	12⅜ x 12⅜ in.	36 2-in. pots	$0 35
X3.	12⅜ x 12⅜ in.	16 3-in. pots	40
X118.	12⅜ x 18⅜ in.	54 2-in. pots	45
X318.	12⅜ x 18⅜ in.	24 3-in. pots	55

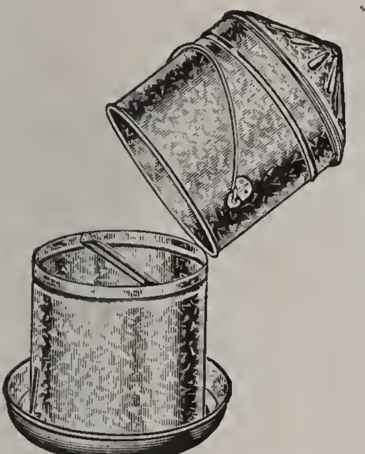
Price Complete with Pots

No. XP1.	36 2-in. or 16 3-in. pots	$0 75
No. XP118.	54 2-in. or 24 3-in. pots	1 00

Prices on Pots Only

	100	1000
No. P1. 2-in.	$0 85	$7 00
No. P2. 3-in.	1 25	10 00

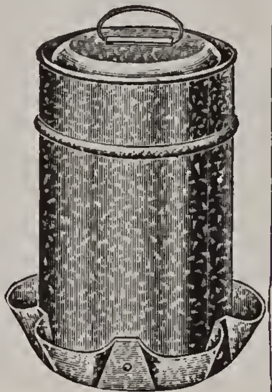
MICHELL'S RELIABLE POULTRY SUPPLIES



E-Z-Fill Founts

Roostproof cone top. Double wall. Operates on vacuum principle. Use outer can for pail when filling. Inner can has cross handle for carrying. Brass spring valve is released when outer can slides into place. Used for hens or baby chicks. Packed 1 in carton.

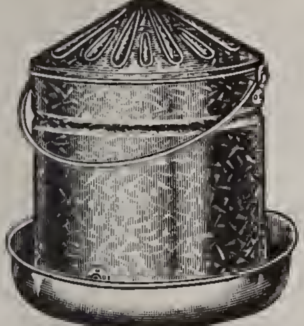
	Capacity	Ship. Wt.	Each
No. 31	2 gals.	10 lbs.	$2 00
No. 32	3 gals.	12 lbs.	2 65



Snap-on Fountain

Invert to fill. Can held to pan by friction. Has 6 drinking cups; just right for baby chicks. They can't drown in this pan. Handle for carrying.

	Capacity	Each
No. 100B	1 gal.	$0 50
No. 100C	2 gals.	75



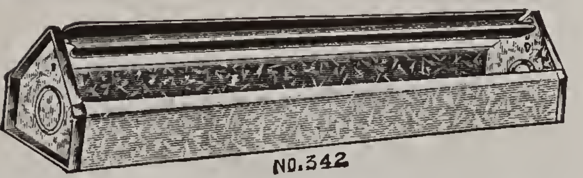
Keep-Warm Thermo Fountain

For Chicks or Hens

Insulating jacket or outer tank is an inch thick all the way down. The top is insulated and there is also a complete layer of insulation, as well as a dead-air space below and all around the water in the pan. Water heated to 110 degrees will not freeze in this Fountain in very severe weather. The inner tank is soldered to the base.

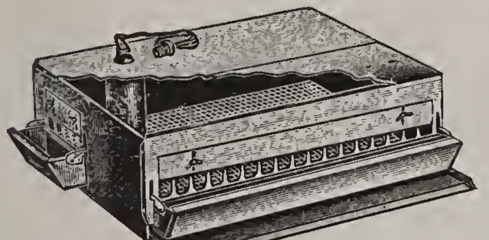
	Capacity	Price
No. 3	3 gals.	$4 00
No. 5	5 gals.	5 00

Chick Trough Metal "Z" Reel



Trough 4 inches wide, 2 inches deep, of 26-gauge galvanized. Metal "Z" Reel revolves to prevent roosting. Reel adjusts to 3 positions as chicks grow and need more headroom. For day-old chicks to pullets. A wonderful value.

	Length	Each
No. 342	2 ft.	$0 35
No. 343	3 ft.	45
No. 344	4 ft.	55



Electric Chick Brooder

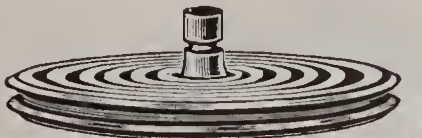
All Metal. Sanitary

Made entirely of metal. Hardware cloth floor ½-in. mesh. Adjustment over feeder-holes makes it escape-proof.

Dropping-pan pulls out from the front. Equipped with feeder and water-trough. 2-ft. electric cord and socket. Electric bulb protector. Bulb not furnished. Inside dimensions 18 x 22 x 6 inches. Lid in 2 sections. Shipped knocked down, one in carton. Easy to assemble.

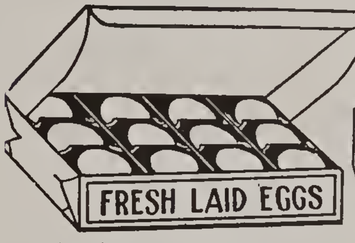
	Each
No. 375. Electric Brood Unit. Weight 15 lbs.	$2 50
No. 376. Rack for 6 units. Weight 32 lbs.	5 50

Thermostat Wafers

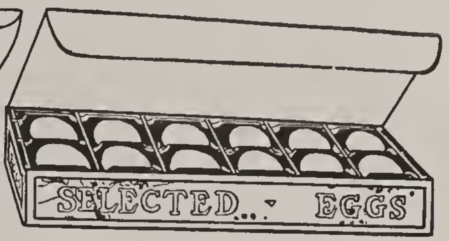


Double-disc, brass-wafer type with universal duo-type connection. May be used on coal or oil brooders and many incubators. Diameter, 3 in.

No. 416. Oakes Universal Wafer. 3-in. diam. Price, 25c.



Eagle Style Egg Box



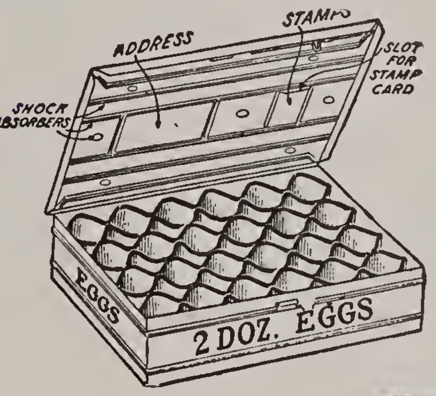
Suwanee Egg Box

Paper Egg Boxes (1 doz. capacity)

Suwanee Paper Egg Cartons. For delivering table eggs. Capacity, one dozen each. Made of heavy cardboard; oblong shape. Doz. 30c. (by Parcel Post, 40c.); 50c. per 25 (by Parcel Post, 60c.); per 100, $1.75; $15.50 per 1000.

Eagle Style. Light-weight cardboard. Doz. 20c. (by Parcel Post, 25c.); 35c. per 25 (by Parcel Post, 45c.); per 100, $1.00; $9.00 per 1000.

Printing of Egg Boxes. $3.00 per 1000.

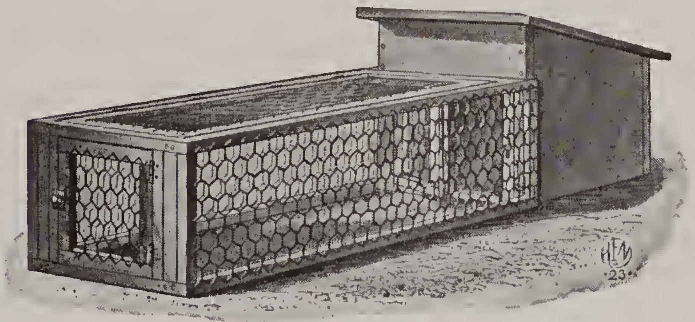


Metal Egg Shipping Box

This is the ideal, indestructible box for forwarding household eggs by Parcel Post or Express. Can be used indefinitely.

Capacity	Each
2 doz.	$1 25
3 doz.	1 50
4 doz.	1 75
6 doz.	2 00
9 doz.	2 50
12 doz.	3 00

If wanted by Parcel Post, add 15c. per box for mailing.



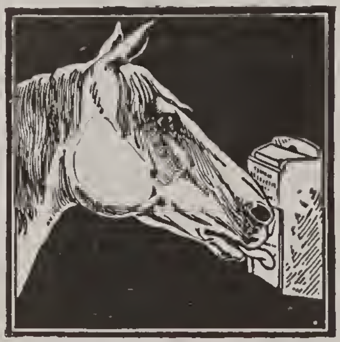
Farm Brood Coop

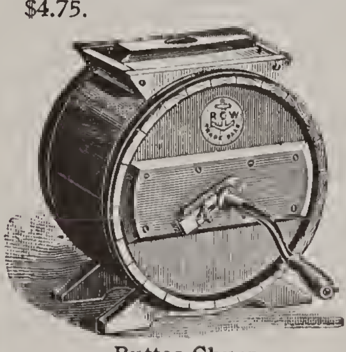
A big, roomy Coop that will accommodate a bunch of chicks. Well ventilated; substantially made; shipped knocked down. Made from grooved and tongued lumber, not painted. It is 21 inches wide, 22 inches from front to back, 22 inches high in front, 14 inches high in back. The roof is hinged. Then there is a wire run 38 x 21 x 16 inches. The top is hinged. Price, complete, $6.00.

Salt Bricks

For dairy cows, horses, and other animals. Essential to general good health in stables. Fastened on the wall it is accessible at all times and remains clean. Brick 25c. (by Parcel Post, 35c.); $2.75 per doz.

Salt Brick Holders. 45c. each (by Parcel Post, 60c.); doz. $4.75.





Butter Churn

Richmond Butter Churn

First-quality white cedar, carefully finished. Easily cleaned. You can make butter according to the amount of milk or cream on hand.

	Capacity	Each	By Parcel Post
No. 1	3 gals.	$4 25	$4 50
No. 2	4 gals.	5 00	5 50
No. 3	7 gals.	5 50	6 00

MICHELL'S WEED KILLER

Positively destroys every kind of weed and vegetation wherever applied. One application is usually required yearly; add 40 gallons of water to one gallon of Weed Killer, then sprinkle the solution upon the vegetation you wish destroyed.

Just the thing for driveways, clay tennis courts, baseball diamonds, drives and walks where you want no weeds.

Weed Killer cannot be used in the garden, flower-beds or on the lawn where you want to grow plants and grass.

One gallon will cover 150 sq. yds.; can be applied any time. It will do better work with less labor than the old way.

Qt. 50c.; $1.50 per gal.; 5 gals. $6.25; $30.00 per 30 gals.; 50 gals. $42.50.

Climax Lawn Seed

Kills Weeds in the Lawn without Injury to the Grass

A combination of finely ground chemicals, which, when sprinkled over the grass, possess the remarkable property of destroying moss, chickweed, plantains, dandelion, and all other weeds on lawns, tennis courts, golf greens, etc., at the same time promoting the growth of the finer grasses. It may be applied any time during the growing season of the year. The lawn must be absolutely dry. It acts as a powerful fertilizer for grasses if applied as a top-dressing in the early spring. For top-dressing as a fertilizer, apply ¼ ton per acre.

Quantity Required as a Weed Destroyer	Price	By Parcel Post
3½ lbs. will dress 150 sq. ft.	$0 75	$0 90
7 lbs. will dress 250 sq. ft.	1 35	1 60
14 lbs. will dress 500 sq. ft.	2 50	2 90
28 lbs. will dress 1000 sq. ft.	4 00	By Express or Freight
56 lbs. will dress 2000 sq. ft.	6 50	

Adco Weed Killer

By the use of Adco Weed Killer it is possible to eliminate moss and weeds, such as dandelions, plantains, chickweed, docks, ground ivy, creeping buttercup, foxtail, heal-all, sheep sorrel, spotted spurge, yarrow, yellow trefoil, etc., with great benefit to the grass and lasting improvement in the lawn. By its application weedy and impoverished lawns, tennis courts and golf courses can be restored to beauty almost without effort. A single hour's work with Adco Weed Killer will accomplish more than a month's hard labor at digging out weeds.

It should not be used on Bent grass and its action is not favorable to clover.

Adco Weed Killer is non-poisonous and will not harm dogs or other domestic animals.

Simple, clear directions accompany every package.

3 lbs. $1.00; $4.00 per 25 lbs.

MICHELL'S POULTRY AND ANIMAL FOODS AND TONICS

If Poultry Foods are wanted by Parcel Post, add for postage as follows: 10c. for 1 lb.; 15c. for 5 lbs.; 20c. for 10 lbs. to the First and Second Zones; for other Zones see Parcel Post Table, page 1. Larger quantities by Express or Freight

Prices of Poultry Food fluctuate constantly and are subject to change

For Bird Seeds and Supplies see page 163

Alfalfa Meal. 5 lbs. 30c.; 50c. per 10 lbs.; 25 lbs. $1.00; $1.75 per 50 lbs.; 100 lbs. $3.00.

Barley. Qt. 20c.; 50c. per 4 qts.; pk. 75c.; $2.00 per bus.

Bone. *Coarse Ground.* 5 lbs. 35c.; 60c. per 10 lbs.; 25 lbs. $1.40; $4.50 per 100 lbs.

Bone. *Fine Grade.* 5 lbs. 35c.; 60c. per 10 lbs.; 25 lbs. $1.25; $4.50 per 100 lbs.

Bran, Wheat. 5 lbs. 25c.; 40c. per 10 lbs.; 25 lbs. 90c.; $1.50 per 50 lbs.; 100 lbs. $2.75.

Broken Rice. Lb. 15c.; 40c. per 5 lbs.; 10 lbs. 65c.; $1.35 per 25 lbs.; 50 lbs. $2.50; $4.75 per 100 lbs.

Buckwheat. Qt. 15c.; 45c. per 4 qts.; pk. 75c.; $2.00 per bus.

Cat Food (Spratt's). Saves the labor of especially preparing food for tabby. Small carton 20c.; 35c. per large carton.

Catnip Balls. A plaything and tonic for your cat. 20c. each.

Charcoal, Fine or **Coarse.** 5 lbs. 35c.; 60c. per 10 lbs.; 25 lbs. $1.00; $3.50 per 100 lbs.

Chicgrain (Spratt's). 5 lbs. 35c.; 65c. per 10 lbs.; 25 lbs. $1.50; $5.50 per 100 lbs.

Chick Food (Michell's). 5 lbs. 35c.; 60c. per 10 lbs.; 25 lbs. $1.25; $4.00 per 100 lbs.

Chick Starter Food with Buttermilk (Pratt's). 2½ lbs. 25c.; 50c. per 5¾ lbs.; 10 lbs. 85c.; $1.50 per 25 lbs.; 50 lbs. $2.80; $4.50 per 100 lbs.

Chick Meal (Spratt's Nos. 3, 5 and 12). 5 lbs. 85c.; $1.50 per 10 lbs.; 25 lbs. $3.50; $6.25 per 50 lbs.; 100 lbs. $12.00.

Corn Meal. *Special Process.* 5 lbs. 25c.; 40c. per 10 lbs.; 25 lbs. 85c.; $1.50 per 50 lbs.; 100 lbs. $2.50.

Cracked Corn. 5 lbs. 30c.; 50c. per 10 lbs.; 25 lbs. $1.00; $1.90 per 50 lbs.; 100 lbs. $3.50.

Developing Food (Michell's). 5 lbs. 35c.; 60c. per 10 lbs.; 25 lbs. $1.25; $4.00 per 100 lbs.

Gluten Meal. 5 lbs. 35c.; 60c. per 10 lbs.; 25 lbs. $1.25; $2.00 per 50 lbs.; 100 lbs. $3.75.

Grit, Fine, Medium, and **Coarse.** 5 lbs. 15c.; 25c. per 10 lbs.; 25 lbs. 50c.; $1.50 per 100 lbs.

Grit (Red Cross Health). For pigeons. 5 lbs. 30c.; 50c. per 10 lbs.; 25 lbs. 85c.; $2.75 per 100 lbs.

Ground Oats. 5 lbs. 30c.; 50c. per 10 lbs.; 25 lbs. $1.00; $3.25 per 100 lbs.

Hemp Seed. Lb. 15c.; 60c. per 5 lbs.; 10 lbs. $1.00; $2.25 per 25 lbs.

Hulled Oats. 5 lbs. 30c.; $1.35 per 25 lbs.; 50 lbs. $2.50; $4.50 per 100 lbs.

Kaffir Corn. Lb. 15c.; $1.00 per 10 lbs.; 25 lbs. $1.75; $5.00 per 100 lbs.

Linseed Meal. Lb. 20c.; 85c. per 5 lbs.; 10 lbs. $1.50; $3.25 per 25 lbs.; 100 lbs. $7.50.

Mash Food (Laying Buttermilk). 5 lbs. 40c.; 75c. per 10 lbs.; 25 lbs. $1.35; $4.25 per 100 lbs.

Mash Food (Growing Buttermilk). 5 lbs. 40c.; 75c. per 10 lbs.; 25 lbs. $1.35; $4.25 per 100 lbs.

Meat (Prepared). 5 lbs. 35c.; 60c. per 10 lbs.; 25 lbs. $1.25; $2.00 per 50 lbs.; 100 lbs. $3.75.

Middlings. 5 lbs. 30c.; 50c. per 10 lbs.; 25 lbs. 95c.; $1.75 per 50 lbs.; 100 lbs. $3.25.

Millet. 5 lbs. 65c.; $1.25 per 10 lbs.; 25 lbs. $2.25; $6.25 per 100 lbs.

Oat Meal (Pin-Head). 5 lbs. 40c.; 75c. per 10 lbs.; 25 lbs. $1.50; $2.75 per 50 lbs.; 100 lbs. $5.00.

Oyster Shells, Fine or **Coarse.** 5 lbs. 15c.; 30c. per 10 lbs.; 25 lbs. 50c.; $1.00 per 100 lbs.

Pheasant Meal (Spratt's). No. 12, Fine; No. 5, Coarse; No. 3, Medium. 5 lbs. 85c.; $1.50 per 10 lbs.; 25 lbs. $3.50; $6.25 per 50 lbs.; 100 lbs. $12.00.

Pigeon Food. 5 lbs. 40c.; 75c. per 10 lbs.; 25 lbs. $1.50; $5.00 per 100 lbs.

Poultry Food (Spratt's No. 3). 5 lbs. 85c.; $1.50 per 10 lbs.; 25 lbs. $3.50; $12.00 per 100 lbs.

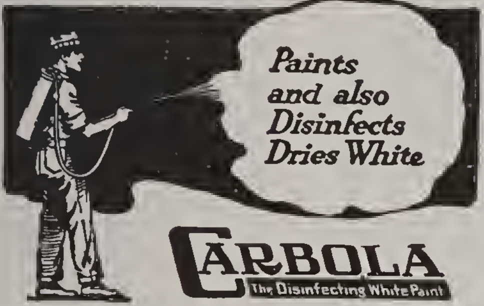
Poultry or **Scratch Food (Michell's).** 5 lbs. 35c.; 60c. per 10 lbs.; 25 lbs. $1.25; $4.00 per 100 lbs.

Pratt's Poultry Regulator. 24 ozs. 25c. (by Parcel Post, 35c.); 50c. per 4 lbs. (by Parcel Post, 65c.); 12-lb. pkg. $1.50 (by Parcel Post, $1.80); 25 lbs. $2.50; $9.00 per 100 lbs.

Sunflower Seed. Lb. 20c.; 55c. per 3 lbs.; 5 lbs. 85c.; $1.60 per 10 lbs.; 25 lbs. $3.75.

MICHELL'S POULTRY REMEDIES, DISINFECTANTS, ETC.

Parcel Post charges where named are for shipment to the First and Second Zones; for other Zones, please see Parcel Post Table, page 1



Carbola. An improvement on white-wash, combining the features of a cold-water paint and disinfectant. Will not rub or chip. Not a lime product. 5 lbs. 60c.; $1.00 per 10 lbs.; 25 lbs. $2.00; $3.50 per 50 lbs.

Carbolineum. A poultry-house disinfectant, louse and mite destroyer; insures absolute riddance of the pests if applied but twice a year. Excellent for preserving wood against rot and decay. In gallon cans only. Gal. $1.75; $7.00 per 5 gals.

Chemo. A liquid lice killer that will not discolor the plumage of white poultry. Gal. $2.00.

Conkey's Old Reliable Powder. An excellent roup remedy; can be given in the drinking-water. 25c., 50c., and $1 00 per box (by Parcel Post, add 10c. extra).

Gape Worm Extractor (Pilling). Made entirely of German silver. 25c. each.

Germozone. The standard remedy for the prevention and cure of most every ill that affects poultry, such as roup, cholera, bowel complaint, diarrhœa, sore head, gapes, etc. In tablet form, 75c. (by Parcel Post, 85c.).

Pratt's Disinfectant. For dipping and spraying poultry and stock. Pt. 35c.; 50c. per qt.; gal. $1.50; $7.00 per 5 gals.

Pratt's Gape Compound. For external use. Pkg. 50c.

Pratt's Powdered Lice Killer. For dusting nests, fowls, chicks, etc., quickly kills the lice. 25c. and 50c. per box (by Parcel Post, add 10c. extra).

Pratt's R. P. Tablets. For roup, canker, catarrh, and diphtheria. As a preventative it is unsurpassed. 25c. and 50c. per box (by Parcel Post, add 10c. extra).

Pratt's Poultry Worm Powder. 50c. per pkg. (by Parcel Post, 60c.).

Pratt's Sore Head Chicken-Pox Preparation. A sure, rapid cure for the dreaded disease known as sore head or chicken-pox. Pkg. 60c. (by Parcel Post, 70c.).

Pratt's Chick Tablets. For baby chicks. Keep the germs of disease from becoming active by using this remedy. 25c. and 50c. (by Parcel Post, add 10c. extra).

Pratt's N. K. Capsules (Poultry Worm Capsule). Pkg. for adult fowls, 85c.; pkg. for chicks, 55c.

Roup Syringe (Pillings). For administering liquid roup remedies in the nostrils or throat. Price, 60c.

Spratt's Dog Soap. Entirely free from poison, and at the same time most effective in the destruction of lice and fleas. 25c. per cake (by Parcel Post, 35c.).

Sulphur Candles. 20c. each (by Parcel Post, 25c.); doz. $1.65.

Tobacco Dust. For dusting on roosts, nests, etc., to keep away vermin. Carton with sifter top, 25c.; 35c. per 5 lbs.; 10 lbs. 60c.; $1.25 per 25 lbs.; 50 lbs. $2.00; $3.50 per 100 lbs.

Tobacco Stems. For making nests, etc. Lb. 10c.; 30c. per 5 lbs.; 10 lbs. 50c.; $1.00 per 25 lbs.; large bales of about 250 lbs., at 2c. per lb.; per ½ton, $15.00; $27.50 per ton.

Zenoleum Liquid. Dilute 1 part Zenoleum to 100 parts water. It is non-poisonous and is not irritating or inflammable. Should be used freely around barns and poultry houses. Zenoleum is a concentrated solution of coal-tar. It is mixed with hot or cold water, making a perfect emulsion that requires no boiling or stilling. 8 ozs. 35c.; 50c. per pt.; qt. 75c.; $1.25 per ½gal.; gal. $2.00; $9.50 per 5 gals.

Michell's Recleaned Bird Seeds, Pet Supplies, Etc.

If Bird Seeds, etc., are wanted by Parcel Post, add for postage as follows: 10c. per lb.; 15c. per 5 lbs.; 20c. per 10 lbs.

Bird Manna. Keeps canaries in prime condition and prevents the loss of song. Pkg. 15c.

Canary Seed. *Plain Sicily.* Recleaned and of excellent quality. Lb. 20c.; 85c. per 5 lbs.; 10 lbs. $1.60; $3.75 per 25 lbs.

Canary Seed. *Mixed.* A mixture of the finest quality and in proper proportions. Lb. 20c.; 85c. per 5 lbs.; 10 lbs. $1.60; $3.75 per 25 lbs.

Catnip Balls. A plaything and tonic for your cat. 20c. each.

SPRATT'S
CUTTLE FISH BONE WITH HOLDER

Cuttlefish Bone (Spratt's). Good for digestion and general health. Each, 5c.; 25c. per ¼lb.; lb. 85c.

Cuttlefish Bone. With holder for fastening to cage. 10c. each.

Fish Food (Spratt's). Granular and wafer form. Pkg. 10c.

Hemp Seed. Birds are very fond of this seed. It is rich and should be fed with discretion. Lb. 15c.; 60c. per 5 lbs.; 10 lbs. $1.00; $2.25 per 25 lbs.

Lettuce Seed. A slight sprinkle of this is much relished by canaries. Oz. 10c.; 20c. per ¼lb.; lb. 50c.

Maw Seed. Calculated to improve the song of canaries, etc. Lb. 30c.; $1.25 per 5 lbs.

Millet Seed. Recleaned seed; nutritious and appetizing. Lb. 15c.; 70c. per 5 lbs.; 10 lbs. $1.25.

Parrot Food (Spratt's). Small pkg. 20c.; 30c. per large pkg.

Rape Seed. Will keep the birds in excellent condition. Feed with canary seed. Lb. 15c.; 65c. per 5 lbs.; 10 lbs. $1.25; $2.50 per 25 lbs.

Sand, Red. Fine. For bird-cages. Pkg. 10c.; $1.00 per doz. pkgs.

Sand, Silver. Fine. Pkg. 10c.; $1.00 per doz. pkgs. Bulk, 85c. per pk.; bus. $2.50.

Sand or **Gravel, Silver.** Coarse. For parrots' cages. 10c. per pkg. doz. pkgs. $1.00. Bulk, 85c. per pk.; bus. $2.50.

Song Restorer. For canaries. 25c. per bottle; doz. $2.50.

Spratt's Sing Song. A tonic and song restorer. Pkg. 10c.

Sunflower Seed. We are very large handlers of this important food for parrots. Our customers may depend on getting a very choice article. 20c. per lb.; 3 lbs. 55c.; 85c. per 5 lbs.; 10 lbs. $1.60; $3.75 per 25 lbs.

Thistle Seed. ½lb. 20c.; 35c. per lb.; 5 lbs. $1.50; $2.50 per 10 lbs.

Unhulled Rice. Lb. 20c.; 75c. per 5 lbs.; 10 lbs. $1.40.

Wild Bird Seed Mixture. Lb. 20c.; 80c. per 5 lbs.; 10 lbs. $1.50; $3.00 per 25 lbs.; 100 lbs. $10.00.

Prices on Bird Seed in large quantities quoted on application

Spratt's Dog Food

SPRATT'S
X SPIX X
MEAT FIBRINE
DOG CAKES

Spix. A bone-sized biscuit for small breeds. 31-oz. size 35c.; 85c. per 5 lbs.; 10 lbs. $1.50; $3.50 per 25 lbs.; 50 lbs. $6.75.

Ovals. A miniature biscuit for small breeds. 26-oz. size 35c.; 85c. per 5 lbs.; 10 lbs. $1.60; $3.50 per 25 lbs.; 50 lbs. $6.75.

Fibo. A granulated food. 2 lbs. 40c.; 90c. per 5 lbs.; 10 lbs. $1.70.

SPRATT'S
OVALS
A SMALL MEAT BISCUIT OF SUPERIOR QUALITY FOR DOGS OF ALL BREEDS AND SIZES

Miniature samples of the above can be supplied on request. Illustrated booklet of 56 pages on "Care and Feeding of Dogs" free.

MICHELL'S RUSTIC AND ORNAMENTAL BIRD HOUSES

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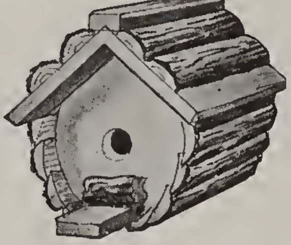
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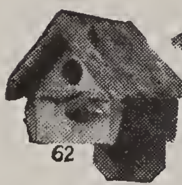
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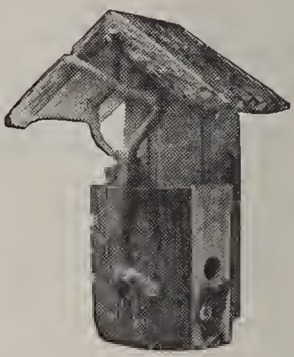
		Each	By Parcel Post
No. 8.	**Martin House.** 14-room. *Not mailable*	$18 00	
No. 11.	**Wren House**	1 75	$2 00
No. 12.	**Wren House**	1 75	2 00
No. 13.	**Wren House**	1 75	2 00
No. 14.	**Wren** or **Bluebird House**	2 00	2 25
No. 17.	**Wren House**	1 75	2 00
No. 21.	**Bluebird House**	1 75	2 00
No. 23.	**Wren House**	1 75	2 00
No. 24.	**Wren House**	1 75	2 00
No. 25.	**For Woodpeckers, Chickadees, Nuthatches, etc.**	1 75	2 00
No. 28.	**Wren House Beautiful**	2 00	2 25
No. 50.	**Wren House.** Swinging	1 75	2 00
No. 60.	**Robin House**	1 75	2 00
No. 61.	**Wren House.** Swinging	1 75	2 00
No. 62.	**Bluebird House**	1 75	2 00
No. 63.	**Wren and Robin House**	2 00	2 20
No. 77.	**Martin House.** 4-room	5 00	5 60
No. 45	**Squirrel House**	5 50	5 90
No. 104.	**Rustic Seed-Feeder**	2 50	2 75
No. 105.	**Rustic Suet-Feeder**	1 50	1 70
No. 107.	**Weathervane Feeder**	5 50	5 80
No. 110.	**Combination Shelter**	2 25	2 50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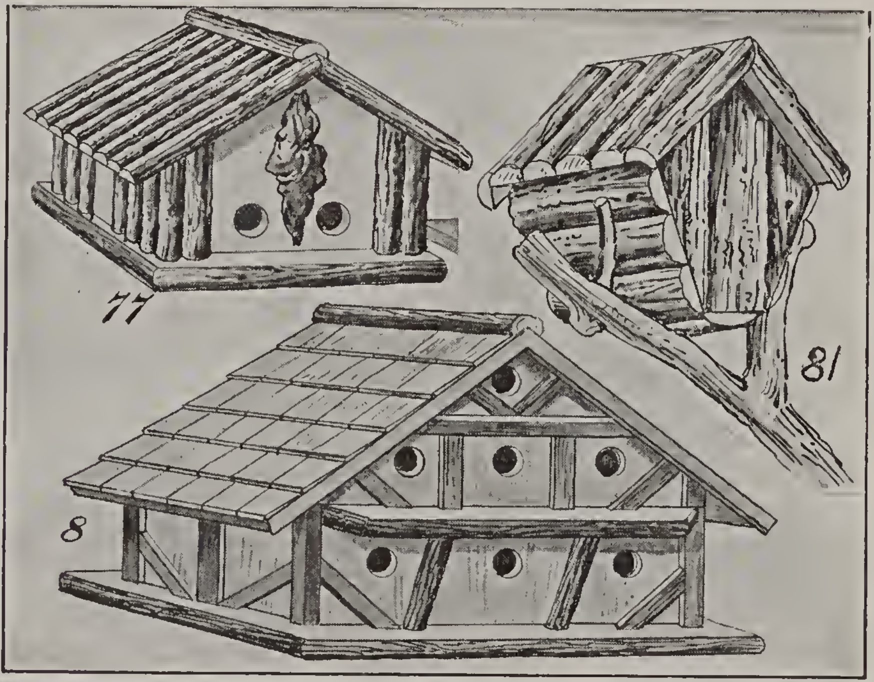

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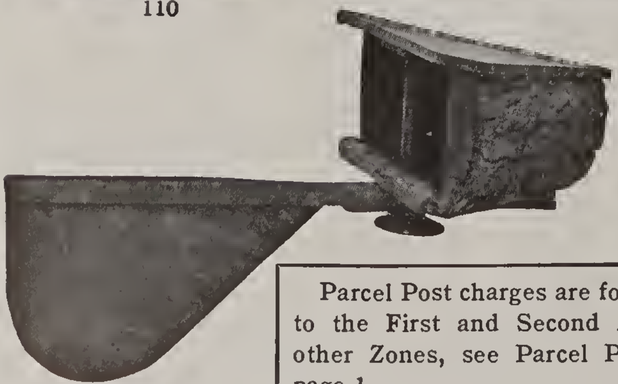
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Sparrow Trap

Round in shape; made of heavy wire. We have tried this out and found it to be the best Trap made. Scatter a little cracked corn and set the Trap right over it. You'll be surprised at the catch. Price, $6.50.

Revolving Feed Box

This bird-feeder, the most popular American type, has its glass end always facing the wind, so that the large open end is protected from storms. Size, 24 by 36 in. Furnished with an iron pole, 7 ft. long. Price, $10.00.

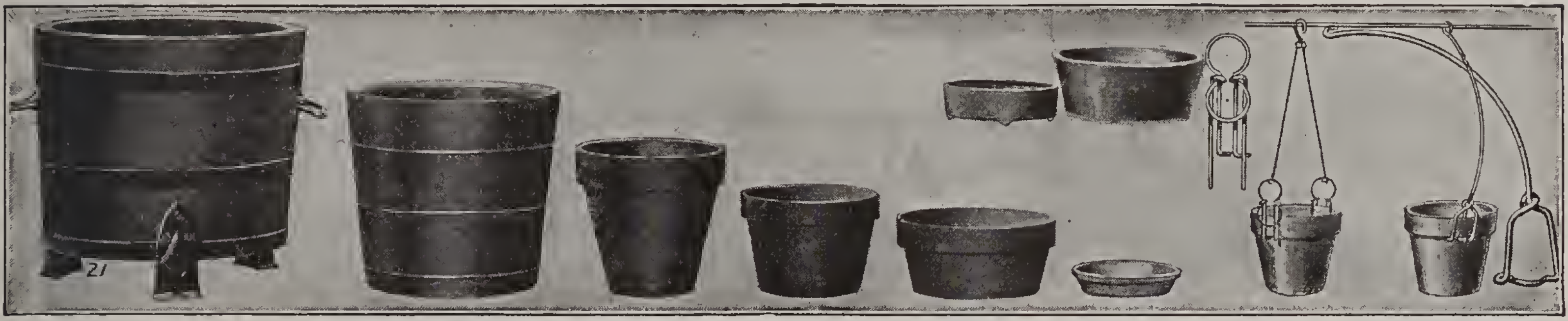
Smaller size of above, with wood pole. Price, $6.50.

Revolving Feed Box

Parcel Post charges are for shipment to the First and Second Zones; for other Zones, see Parcel Post Table, page 1.

Michell's Flower Pots, Tubs, Etc.

Fern Dish Liner — Earthen Fern Pan



Cedar Tub — Keystone Tub — Earthen Flower Pot — Azalea Pot — Earthen Bulb Pan — Earthenware Saucer — Krick Pot Hanger — Eureka Pot Hanger

Cedar Tubs

Equipped with Strong Iron Handles

These are made by hand of the very best white cedar, painted green, bound with black iron hoops.

	Top Diam.	Depth	Each
No. 0	24¾ in.	24 in.	$11 25
No. 1	23⅜ in.	22 in.	10 25
No. 2	21 in.	20 in.	9 25
No. 3	18 11/16 in.	18 in.	7 25
No. 4	16½ in.	16 in.	6 25
No. 5	14 7/16 in.	14 in.	5 50
No. 6	12 7/16 in.	12 in.	4 50
No. 7	11¾ in.	10 in.	4 00
No. 8	10 11/16 in.	9½ in.	3 50

Michell's Keystone Plant Tubs

Made of white cedar, painted green and bound with strong electric welded wire hoops, which do not rust. Handles are sold separately at 25c. per pair, not attached to Tub.

No.	Inside Diam.	Depth	Each	Parcel Post
1	6 in.	6 in.	$0 75	$0 90
2	7 in.	7 in.	80	95
3	8 in.	8 in.	85	1 00
4	9 in.	9 in.	90	1 05
5	10 in.	9 in.	95	1 10
6	11 in.	10 in.	1 15	1 35
7	12 in.	11 in.	1 30	1 50
8	13 in.	12 in.	1 75	2 00
9	14 in.	13 in.	1 85	2 10
10	15 in.	14 in.	2 25	2 50
11	16 in.	15 in.	2 35	2 65
12	17 in.	16 in.	2 75	3 10
13	18 in.	17 in.	3 25	3 75
14	19 in.	18 in.	4 00	4 50

Plant Tub Green Paint

Especially prepared for painting plant tubs. Gives a bright glossy finish that will stand the weather conditions and will not fade. Color a beautiful French chrome-green. Pt. 60c.; $1.05 per qt.; gal. $3.50.

Earthen Flower Pots

Height and Width inside	Each	Doz.	100	1000
1 in.	$0 02	$0 20	$1 35	$12 00
2 in.	03	25	1 40	12 25
2¼ in.	04	30	1 45	12 75
2½ in.	05	35	1 65	15 00
3 in.	06	40	2 15	19 50
3½ in.	06	45	2 65	24 00
4 in.	07	50	3 30	30 00
4½ in.	08	60	4 45	40 50
5 in.	10	75	5 95	54 00
5½ in.	12	1 00	7 45	67 50
6 in.	12	1 20	8 90	81 00
7 in.	20	2 00	13 50	
8 in.	25	2 75	19 50	
9 in.	35	4 00	30 00	
10 in.	50	5 50	40 50	
12 in.	1 00	11 00	82 50	
14 in.	1 50	17 50	135 00	

Parcel Post charges cover postage and special packing required

Cut-Flower Vases, Galvanized Iron

No.	Top Diam.	Height	Bottom Diam.	Each
65	7½ in.	8 in.	6½ in.	$0 65
66	9 in.	10 in.	7½ in.	70
67	9 in.	11½ in.	7½ in.	80
68	9 in.	12½ in.	7½ in.	90
69	9 in.	18 in.	7½ in.	1 00
70	9 in.	24 in.	7½ in.	1 25
253	5 in.	10 in.	3¾ in.	50
254	5½ in.	11 in.	4½ in.	60
255	6½ in.	12 in.	5½ in.	70
257	6½ in.	15 in.	4½ in.	80

Azalea Pots

Diam.	Depth	Each	Doz.	100
5 in.	4½ in.	$0 10	$0 75	$5 95
6 in.	5 in.	12	1 20	8 90
7 in.	6 in.	20	2 00	13 50
8 in.	7 in.	25	2 75	19 50
9 in.	7½ in.	35	4 00	30 00
10 in.	8 in.	50	5 50	40 50
12 in.	10 in.	1 00	11 00	82 50

Earthen Bulb Pans

Diam.	Each	Doz.	100
6 in.	$0 12	$1 20	$8 90
7 in.	20	2 00	13 50
8 in.	25	2 75	19 50
9 in.	35	4 00	30 00
10 in.	50	5 50	40 50
12 in.	1 00	11 00	82 50
14 in.	1 50	17 50	135 00

Earthenware Saucers

	Each	Doz.	100
4 in.	$0 03	$0 35	$2 25
5 in.	04	45	3 00
6 in.	06	65	4 50
7 in.	09	95	6 75
8 in.	12	1 20	9 50
9 in.	18	1 80	12 50
10 in.	25	2 50	20 00
12 in.	40	4 00	30 00
14 in.	50	5 00	40 00

Fern-Dish Liners

Very shallow, for inside of fancy silver or porcelain ferneries.

Width	Height	Each	Doz.	100
7 in.	1⅞ in.	$0 20	$2 15	$13 50

Earthen Fern Pans

Width	Height	Each	Doz.	100
4 in.	1⅞ in.	$0 08	$0 85	$6 00
4¾ in.	2⅛ in.	12	1 10	8 00
5½ in.	2¼ in.	15	1 35	10 00
6¼ in.	2½ in.	18	1 60	12 00
7 in.	2⅝ in.	20	2 00	14 00
8 in.	3⅜ in.	25	2 50	20 00
9 in.	3¼ in.	30	3 00	24 00

Wooden Seed Flats

	Each
20 x 10 x 3 in.	$0 35
20 x 14 x 3 in.	40

Eureka Pot Hangers

Price, 15c. each; doz. $1.50 (by Parcel Post, $1.70); $10.00 per 100.

Krick Pot Hangers

	Each	Doz.	Parcel Post
No. 1	$0 07	$0 60	$0 65
No. 2	08	70	75
No. 3	09	80	85

Neponset Paper Pots

Green—for growing

Every grower of plants can cut the growing costs by using these Pots. They are superior to any Pot made for the actual growing of plants.

Diam.	Doz.	Parcel Post per doz.	100	Parcel Post per 100	1000
2 in.	$0 15	$0 20	$0 80	$0 90	$7 00
2¼ in.	20	30	85	95	7 25
2½ in.	25	35	90	1 00	7 50
3 in.	30	40	95	1 05	8 00
3½ in.	35	45	1 15	1 25	10 00
4 in.	40	50	1 30	1 45	12 00
5 in.	45	55	1 75	1 95	16 00
6 in.	50	60	2 50	2 75	22 50

Red Paper Flower Pots

Diam.	Doz.	Parcel Post per doz.	100	Parcel Post per 100	1000
2 in.	$0 10	$0 15	$0 45	$0 55	$4 00
2¼ in.	12	20	50	60	4 50
2½ in.	15	20	60	70	5 00
3 in.	20	30	80	90	6 50
3½ in.	25	35	90	1 00	7 50
4 in.	35	45	1 15	1 25	10 00
5 in.	40	50	1 50	1 65	13 00
6 in.	40	50	2 00	2 25	15 00

Rubber Saucers

Durable and waterproof.

Size	Each	Parcel Post Each	Doz.
4 in.	$0 15	$0 20	$1 65
5 in.	20	25	2 25
6 in.	25	30	2 75
7 in.	30	40	3 25
8 in.	35	45	4 00
9 in.	45	55	5 00
10 in.	65	75	7 50
12 in.	80	95	9 25

Wood Fibre Saucers

Extremely desirable on account of being absolutcly waterproof.

Diam.	Each	Parcel Post Each	Doz.
6 in.	$0 55	$0 60	$6 00
7 in.	65	75	7 00
8½ in.	75	85	8 25
10 in.	85	95	9 00
11¾ in.	95	1 05	10 50
14¼ in.	1 30	1 45	14 75
16 in.	1 65	1 80	19 00
17½ in.	1 90	2 05	21 75

Michell's Insect Destroyers, Etc.

Directions for using any of the following will be found on each package

AGRI-PAX. A contact insecticide which controls rose-bugs as well as soft-bodied insects. Can be used on currants, asparagus, lettuce, celery, etc. Qt. $1.25; $3.50 per gal.; 5 gals. $13.00.

Antrol

TRADE MARK REG. U.S. PAT. OFF.

THE NATIONAL ANT CONTROL

KILL ANTS IN THE NEST
ANTROL ANT KILLERS
KILL THE QUEEN AND YOU KILL THEM ALL!
SAFE TO USE AROUND PETS

Kills Ants in Their Nests

Antrol is easy to use, economical, safe around children and pets. Consists of small glass containers from which worker ants carry special Antrol Syrup to their nests for food. The whole ant family is quickly killed at the source—the only way to get permanent relief. Controls both sweet- and grease-eating ants.

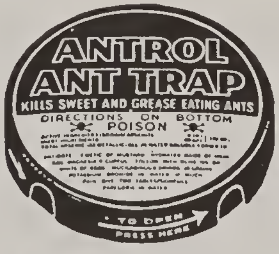
Antrol Cottage Set containing four feeders and one 4-oz. bottle of syrup, 75c.

Ready filled sets, containing 4 filled feeders, 40c.

Antrol extra containers, 10c.

Antrol Syrup, 4-oz. bottle, 35c.; 85c. per pt.; gal. $3.50.

ANTROL ANT and ROACH POWDER. An improved fast-killing powder for the extermination of ants. Ideal for use in apartments, summer or beach houses, camping, etc. 1¾ ozs. 25c.; 40c. per 3 ozs.; 5 lbs. $5.00.



ANTROL ANT TRAPS. Kills both grease- and sweet-eating ants. Easy and safe to use. 15c. each.

APHINE. For destroying aphis, green fly, thrip, red spider and other greenhouse and outdoor insects. It dilutes readily in water, about 1 part to 40 of the latter. ¼pt. 30c.; 45c. per ½pt.; pt. 70c.; $1.10 per qt.; gal. $3.25.

APHIS PUNK. Used for fumigating. For controlling green and black fly and many other insects. Contains 22½ per cent of nicotine. (For use in greenhouses only.) Pkg. of 12 sheets, $1.00; $9.50 per case of 12 pkgs.

Aphistrogen

KILLS APHIS (PLANT LICE)
REG. U.S. PAT. OFF.

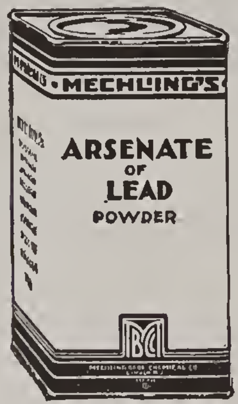
For aphis and plant-lice

Destroys all traces of these pests, outdoors or under glass, in two or three applications. Fine for roses, chrysanthemums, golden glow, and all other plants subject to plant-lice. Will not discolor the foliage. No soap required—simply mix with water and use. Aphistrogen is also a good plant disinfectant.

		By P. P.
2 ozs.	$0 50	$0 55
4 ozs.	75	80
½lb.	1 25	1 35
2 lbs.	3 50	3 65
12 lbs.	$15.00 by Express	

ARSENATE OF CALCIUM. Used in control of potato bugs, tomato and cabbage worms, and many other chewing insects which attack vegetables. Lb. 30c.; 85c. per 5 lbs.; 25 lbs. $4.00.

ARSENATE OF LEAD, Coated. A wonderful invention perfected to fight Japanese beetles. A paste material which sticks to foliage and so palatable to the beetle that the result is a high percentage of kill. Lb. 45c.; 90c. per 2½ lbs.; 10 lbs. $2.70; $6.00 per 25 lbs.; 50 lbs. $10.00; $16.00 per 100 lbs.



ARSENATE OF LEAD, Powder. Kills insects feeding on foliage and fruit. Arsenate of Lead Powder is a combination of arsenic with lead in such proportions that it will not injure the most delicate plant-life but will protect against the ravages of any chewing insects. An excellent preparation for spreading over the soil to destroy the Japanese beetle grub. ½lb. 25c.; 35c. per lb.; 5 lbs. $1.35; $2.65 per 10 lbs.; 25 lbs. $5.00; $17.00 per 100 lbs.

ASTOGEN. A non-poisonous, effective remedy for root aphis, cutworms, and other soil insects affecting asters and similar plants. 2 lbs. 75c.; $1.50 per 5 lbs.; 10 lbs. $2.75; $5.00 per 25 lbs.; 50 lbs. $8.50; $15.00 per 100 lbs.

"Black Leaf 40"

40% Nicotine

The standard contact insecticide for spraying vegetables, fruits, flowers, and plants to destroy aphis, thrips, leaf-hoppers, and similar "sucking" insects. Also effective for dipping purposes. One ounce makes 6 gallons of spray. Oz. 35c.; $1.00 per 5 ozs.; lb. $2.25; $3.25 per 2 lbs.; 5 lbs. $5.85; $10.60 per 10 lbs.

BORDEAUX MIXTURE. *Powder.* 12½ per cent copper mixture, for spraying purposes. ½lb. 20c.; 35c. per lb.; 5 lbs. $1.35; $5.00 per 25 lbs.; 100 lbs. $17.00.

BORERKIL

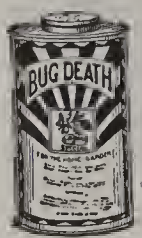
(BOR-TOX). A Nicotine Paste

(Patent pending)

A new effective method of borer control. A scientifically prepared paste material that kills boring insects when injected into their burrows. Packed in handy tubes (and bulk), it is safe and convenient to use. It is economical and will not spoil or lose its strength if the container is kept tightly closed when not in use. **Borerkil** may be used against boring insects infesting shade trees, shrubs, many flowers and annual plants. Larvæ of the carpenter worm, the leopard moth, the maple borer, oak borers, and all other borers which clean out their burrows are easily killed. **Borerkil** is also effective in killing larvæ of the common stalk borer, the European corn borer, squash vine borer and other borers working in the stems of flowers and vegetables.

This unusual insecticide also makes an effective plant spray, dog-repellent, and fumigant for poultry lice.

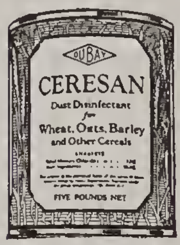
Garden-size tube (1½ ozs.), with Injectors, 60c.; $8.00 per 4-lb. can.



BUG DEATH. *Powder.* Largely used instead of Paris Green. Not poisonous to persons. 10-oz. container 25c.; $1.00 per 5 lbs.; 12½ lbs. $2.25; $12.00 per 100 lbs.

CALCIUM CASEINATE. Used as a spreader to mix with other insecticides which do not mix readily. Lb. 30c.; $1.15 per 5 lbs.; 25 lbs. $4.50.

CARBOLINEUM. A germicide and disinfectant for purifying poultry-houses, stables, etc. Gal. $1.75; $7.00 per 5 gals.


DUBAY
CERESAN
Dust Disinfectant for Wheat, Oats, Barley and Other Cereals
FIVE POUNDS NET

CERESAN (DuBay). 2 per cent. A dust disinfectant for cotton, flax, millet, peas, and narcissus. Lb. 70c.; $3.00 per 5 lbs.; 25 lbs. $12.75; $50.00 per 100 lbs.

CERESAN, NEW IMPROVED (DuBay). A dust-disinfectant for wheat, oats, and barley. Lb. 70c.; $3.00 per 5 lbs.

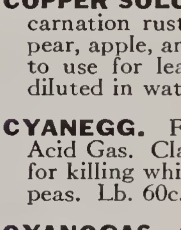
COPPER SOLUTION. Excellent spray for carnation rust and diseases of the grape, pear, apple, and other fruits. A good thing to use for leaf-blight and mildew. It is diluted in water. Qt. $1.50; $3.75 per gal.

CYANEGG. For generating Hydrocyanic Acid Gas. Claimed to be the best remedy for killing white fly. Do not use on sweet peas. Lb. 60c.; $2.50 per 5 lbs.

CYANOGAS (Calcium Cyanide). G. Fumigant. When exposed to natural atmospheric moisture, Cyanogas liberates a gas which has proved to be the most effective insecticide ever developed for many purposes. The gas is exceedingly penetrating and easily kills breathing insects in any space where the gas can be confined. Thus Cyanogas is different from ordinary insect powders or sprays where the killing power is generally dependent on actual contact with the insect. Destroys aphis, white fly, soft scale, thrips, etc. 5 lbs. $3.00; $10.00 per 25 lbs.; 100 lbs. $30.00. Descriptive circular free.

CYANOGAS (Calcium Cyanide). A. Dust. For killing rats, moles, woodchucks, and other rodents. ½lb. 45c.; 75c. per lb.; 5 lbs. $3.00.

Cyanogas Ant-Killer



Ants are killed instantly in their nests. Simply enlarge entrances of ant nest with long-shank screwdriver or pointed stick. Probe 6 to 8 inches to be sure of reaching deeper part of nest where the queen is located. Adjust the spout on the can and flow a small amount of Cyanogas into the enlarged holes; then close with soil. Don't use Cyanogas Ant Killer indoors. If ants are found in the house, trace the line of foragers back to their nests in the ground. 4-oz. can 30c.

MICHELL'S INSECT DESTROYERS, ETC.

CUPROCIDE (Red Copper Oxide). An excellent material for the treatment of seeds before sowing, to prevent the fungous disease known as damping-off. Lb. 90c.; $4.00 per 5 lbs.; 20 lbs. $14.00; $25.00 per 50 lbs.; 200 lbs. $77.00.

DERRISOL. A highly concentrated, odorless insecticide for the control of plant-lice, leaf hopper, green flies, thrips, red spider, etc. 1-oz. bottle 35c.; $1.25 per ½lb.; lb. $2.25; $3.25 per 2 lbs.; 10 lbs. $12.50.

"DOGZOFF"

If you are bothered with dogs, cats, or rabbits, "Dogzoff" is the spray you need. It is an efficient animal repellent and one spraying will last from 3 to 4 weeks. Not offensive to humans. Applied with any small sprayer. Can 60c.

DOG-SKAT
KEEPS DOGS AWAY

Keep dogs away from trees, shrubs, ornamentals, etc., by hanging a tube of it in an obscure place. It will keep the dogs at a distance. Small tube, 15c.; 30c. per large tube.

DUTOX. Kills striped cucumber beetle, Mexican bean beetle, blister beetles, corn earworm, tomato fruit worm, cabbage worms, coddling moth. May be sprayed or dusted. Lb. 30c.; $1.35 per 6 lbs.

NEW EVER GREEN SPRAY

A non-poisonous insecticide for killing both chewing and sucking insects, such as cucumber and melon bugs, cabbage worms, rose slugs, aphis, leaf hoppers and most other plant insects, including cutworms. Harmless to humans, animals, and birds. Will not injure tender plants. One gallon makes 800 gallons of spray against plant-lice. 1-oz. bottle 35c.; $1.00 per 6-oz. can; 16-oz. can $2.00; $11.00 per gal.; 5 gals. $45.00.

The Good Line
FISH OIL SOAP
KEYSTONE BRAND
For combating plant insects infesting Trees, Vines & Plants

FISH OIL SOAP. An excellent summer spray, when something stronger cannot be used, where San Jose scale exists. It is nice for washing off lemon trees, oleanders, and almost anything that would be infested with soft-shelled or, in fact, most any kind of insect. Lb. 30c.; $1.25 per 5 lbs.; 10 lbs. $2.00; $3.50 per 25 lbs.; 50 lbs. $6.50; $10.50 per 100 lbs.

FISH OIL SOAP (Rosin). Especially recommended for the destruction of boxwood maggot, bagworm, and caterpillars. 5 lbs. $1.50; $2.75 per 10 lbs.; 25 lbs. $4.50; $7.50 per 50 lbs.; 100 lbs. $13.00.

FISH OIL SOAP (Good's Caustic). Used extensively as a tree spray and as a summer remedy for San Jose scale. It comes in a soft soap form and is easily dissolved. Use 1 pound to 10 gallons water. Lb. 30c.; $1.25 per 5 lbs.; 10 lbs. $2.00; $3.75 per 25 lbs.; 50 lbs. $6.00; $10.00 per 100 lbs.

FLY SPRAY (Mechling's). For keeping the flies off cattle and horses. Gal. $1.50; $7.25 per 5 gals.

FORMACIDE
DAMPING-OFF

FORMACIDE. A stabilized formaldehyde dust, triple strength, seed- and soil-disinfectant used as a control of damping-off. ½lb. 45c.; 75c. per lb.; 5 lbs. $2.00; $5.50 per 25 lbs.; 50 lbs. $9.00; $17.00 per 100 lbs.

FORM-O-FUME (Formaldehyde Dust). An effective insurance against the damping-off of flower and vegetable seedlings and cuttings. Lb. 50c.; $1.75 per 5 lbs.; 25 lbs. $5.00.

FUNGICIDE (Zenke's). For various forms of fungous diseases. 8-oz. can 50c.; $3.50 per gal.

Fungtrogen
FUNGICIDE FERTILIZER

Fungtrogen has achieved national and international recognition in its remarkable fungicidal and stimulating properties. This invisible spray is harmless to foliage or blooms. It has enabled amateurs to produce plants of unusual vigor, with superb foliage and blooms of true professional beauty.

Equally beneficial for other flowering plants, such as hollyhocks, snapdragons, phlox, sweet peas, carnations, etc. Fungtrogen spray carries its own spreader. Simply mix with water. Makes 60 times its volume.

½pt	$0 75	½gal	$3 50
Pt	1 25	Gal	6 00
Qt	2 00		

GETZ THERE SOAP. For washing palms and spraying in place of Fish Oil Soap. 2 lbs. 65c.; $1.75 per 8 lbs.; 25 lbs. $5.00.

HAMMOND'S
GRAPE AND ROSE DUST
CONTROLS FUNGUS DISEASES

GRAPE AND ROSE DUST. Non-poisonous. *Safe to use* on any vegetable or flowering plant without fear of poisoning children, pets, or birds. It is very easy to use—simply dust it from the sifter-top can, covering both the upper and under sides of the leaves. Will not stain the foliage or flowers of the plant. Fungous diseases on all plants develop from very simple forms of plant-life (spores of fungi) which are wafted about by the wind, lodge on tender leaves and when moisture is present develop growths which feed upon the living plant. By keeping a thin film of Grape and Rose Dust on the plants, especially before moisture is present, fungous diseases can be prevented. Lb. 35c.; $1.25 per 5 lbs.; 25 lbs. $6.25; $20.00 per 100 lbs.

HELLEBORE. The ideal material for destroying rose-bugs, currant worms, and other soft-shelled insects that infest the garden. ½lb. 30c.; 50c. per lb.; 5 lbs. $2.25.

See pages 153 to 156 for complete line of Sprayers and Dusters

Hydroxcide
Double-Duty Spray Powder

MECHLING'S
HYDROXCIDE
DOUBLE DUTY
SPRAY

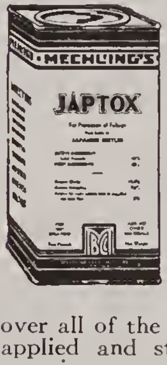
Controls both bugs and blight. A combination of Bordeaux Mixture and arsenical poison. Contains equivalent of 12¾ per cent Metallic Copper and 19.2 per cent Arsenic Oxide. Has a higher combined analysis than any other material of its kind and controls both bugs and blight attacking vegetable crops. Using 8 pounds to 50 gallons of water gives 2½ pounds Arsenate of Calcium and a 4–4–50 Bordeaux. ½lb. 25c.; 40c. per lb.; 5 lbs. $1.50.

Insectrogen
TRIPLE SERVICE
FUNGICIDE · INSECTICIDE · FERTILIZER
TRADE MARK

For leaf-chewing insects

An effective insecticide that rids your roses and other plants of leaf-chewing insects, including caterpillars, slug worms, Japanese beetles and many blights. Use alternately as a companion spray with Fungtrogen; both carry their own spreader; only water is required. Makes 60 times its volume.

4 ozs.	$0 60	Qt	$2 75
½pt	1 00	½gal	4 50
Pt	1 75	Gal	8 00



Japtox
Kills and repels Japanese Beetles

This material is a real protection to foliage against the ravenous feeding of these pests. It is a fine, white powder with a slightly gray cast, which, when sprayed on foliage, establishes a very pronounced silvery coating. This coating or film spreads evenly over all of the surface to which it has been applied and sticks longer than any other spraying material known to chemical science. Japtox has as its base an arsenical poison so as to insure killing the small percentage of beetles which may actually feed on the sprayed foliage. Spray early when the first beetles are seen. A one-pound canister will make 10 gallons of spray.

1 lb.	$0 50	25 lbs	$6 50
2 lbs	85	100 lbs	18 00
8 lbs	3 00		

KEROSENE EMULSION (Liquid Miscible Oil). Diluted in water this makes an excellent spray for all mild forms of scale, and soft lice of any kind such as infest rose and fruit bushes, vegetables and trees. Dilutes 1 part to 20 parts of water. Pt. 45c.; 75c. per qt.; gal. $1.75; $6.00 per 5 gals.

LETHANE 420. A contact insecticide for killing mealy bug, scale, red spider, thrips, as well as white fly and similar insects. Lethane 420 is a synthetic product made under rigid control and hence of absolute uniformity. Qt. $5.50; $9.25 per ½gal.; gal. $16.00.

LETHANE 440. A complete all-round spray effective against practically all sucking insects and their eggs. 2 ozs. 35c.; $1.00 per 6 ozs.; pt. $2.00; $3.00 per qt.; gal. $8.50; $35.00 per 5 gals.; 10 gals. $60.00; $150.00 per 30 gals.; 50 gals. $250.00.

Don't forget a dormant spray this winter

MICHELL'S INSECT DESTROYERS, ETC.

Lemon-Oil Insecticide

A standard insecticide used by the leading florists, nurserymen, and private gardeners who recommend its use for destroying lice, spider, thrip, black and green fly, mites, ants, aphis, and mealy bug. For mealy bug, the application should be applied with sufficient force to penetrate the protecting covering. Where one application is not effective repeat the treatment as often as necessary.

Having no odor, it is especially desirable to use on all house plants, having this great advantage over all soap and tobacco preparations, which leave a disagreeable odor or greasy appearance.

Does not injure the plant or bloom when used as directed and does not disfigure them as a powder will.

It is non-poisonous, when used as directed and is therefore safe to both user and plant. Success depends on thoroughness and using the proper material. Succeed with Lemon-Oil Insecticide. It has been in use for over fifty years.

Use Lemon-Oil Insecticide in the greenhouse on all plants; especially adapted to use on roses, carnations and chrysanthemums for many insects that infest them. Nothing can equal it for washing ferns, palms and rubber plants.

½pt. 30c.; 50c. per pt.; qt. 85c.; $1.50 per ½gal.; gal. $2.50; $10.00 per 5-gal. keg.

LIME-SULPHUR. *Dry.* A convenient material for effective control of San Jose scale, apple and pear scab, peach-leaf curl, cherry leaf-spot. Lb. 35c.; $1.40 per 5 lbs.; 25 lbs. $4.25; $8.00 per 50 lbs.; 100 lbs. $14.00.

Concentrated Lime-Sulphur Solution

The old, reliable, and most generally used insecticide and fungicide for spraying fruit trees.

Apple Scab Control

The use of Lime-Sulphur Solution to control scab is one of the most important operations in raising apples. However, it is usually combined with other materials to control more than one thing with the same spray such as:

Delayed Dormant: 1 part to 20 parts water with Mechling's Stabilized Oil Emulsion to control scab, scale, red mite, and aphis.

Prepink: 1 part to 40 parts water—scab.

Pink Bud: 1 part to 40 parts water plus 3 pounds Arsenate Lead Powder—scab, curculio, canker worms, tent caterpillars.

Petal Fall: 1 part to 50 parts water, plus 3 pounds Arsenate Lead Powder—scab, codling moth, curculio.

When Lime-Sulphur Solution is used in the summer sprays, great care must be exercised, the dilution being 1 to 60 or weaker.

Peach-Leaf Curl

Use a dilution of 1 to 9, either in the fall after leaves have dropped or in early spring before buds begin to swell, to control peach-leaf curl.

San Jose Scale and Aphis

At the delayed dormant period use Lime-Sulphur Solution, 1 to 9, to control San Jose scale. Add 1½ pints Black-Leaf 40 to 100 gallons this solution to control aphis at the same spray. In some localities, San Jose scale seems to be becoming resistant to Lime-Sulphur, in which case, or if infestation is heavy, use Mechling's Superior Scale Oil or Stabilized Oil Emulsion.

Qt. 45c.; $1.00 per gal.; 5 gals. $4.00; $9.50 per ½bbl. (30 gals.); bbl. (55 gals.) $13.00.

LORO

A contact Insecticide

Loro has been thoroughly tested under practical greenhouse and field conditions and in commercial growing areas in many parts of the country and has proved useful on chrysanthemums, carnations, snapdragons, gladiolus, certain ornamentals and shade trees. Under commercial growing conditions the following advantages of Loro have been proved:

Kills mealy bug, chrysanthemum midge, red spider, thrips and aphids (green fly, black fly), and the eggs of red spider, midge, mealy bug as well as active stages of the insects.

Does not stain blooms or spot foliage of carnations, nor deposit unsightly residues on foliage of floral crops.

Effective at ordinary temperatures (60° F. to 75° F.).

Compatible with most other common insecticides and fungicides excepting those containing sulphur.

Free from objectionable odor in dilute spray solution.

Growers have found that Loro has very distinct ovicidal or egg-killing powers, particularly in the control of mealy bug, red spider, and chrysanthemum midge. When insect eggs are killed, reinfestation is definitely slower and over the period of a crop season fewer sprays are required to maintain a clean crop. The resulting saving in labor is an important advantage.

Pt. $2.00; $9.75 per gal.; 5 gals. $43.75.

Mexican Bean Beetle Destroyer

Dust or Spray

Will quickly kill Mexican bean beetles without danger of burning foliage and is recommended by most agricultural experiment stations. Mexican Bean Beetle Destroyer contains magnesium arsenate and is ready to use as it comes from the package as either a dust or spray.

Application Important

Regardless of whether spraying or dusting is practiced, application must be made to the undersurfaces of the bean leaves as soon as eggs or insects are first noticed, and repeated at 7 to 10-day intervals. Initial appearance is usually when plants begin to send out their first trifoliate leaves. From one to four applications may be necessary for a crop of bush beans.

Mexican Bean Beetle Destroyer requires the addition of no other material when used as a dust. For wet spraying mix 8 pounds to 100 gallons of water or 6 level tablespoonfuls to 1 gallon of water. Mix the required amount of material with a small quantity of water to form a smooth paste, and then add remainder of water and agitate thoroughly while spraying. Lb. 35c.; $1.25 per 4 lbs.

MEXOGEN. Kills and repels Mexican bean beetles. Non-poisonous to humans, animals, and birds, when directions are followed. ½pt. 75c.; $2.00 per qt.; gal. $6.00.

MO-LO. For destroying and driving away moles. Pkg. 25c.

MOLOGEN. Eliminates moles from the lawn within 2 or 3 days. Non-poisonous to humans or pets. ½-lb. can 50c.; $1.25 per 1½-lb. can; 5-lb. can $4.00.

MOUSE SEED. Safer and more convenient than paste or traps. Ready to use. No bait required. Pkg. 25c.

ALL PRICES SUBJECT TO MARKET CHANGES

Nico-Fume

Protection against greenhouse insects is assured when Nico-Fume Products, Liquid, Paper or Powder, are used. Nico-Fume Products have for years been the choice of American florists for killing aphis, thrip, leaf hopper, etc., in their wonderful ranges of glass where delicate flowers and plants are grown. Nico-Fume Products are made by the world's largest manufacturer of nicotine insecticides, and are safe, dependable, and effective.

"Fumigation Reaches All Leaves and Buds"

Nico-Fume Liquid

A powerful and highly refined nicotine solution that has the twofold advantage of being adaptable either for spraying or for fumigating purposes.

For Fumigating. Use 1 fluid ounce to each 4000 cubic feet of air-space, when vaporized in lamps, or on steam heating pipes. The liquid may be poured on steam pipes from an oil can with a long spout, thus furnishing a quick, easy method of controlling insects.

For Spraying. Effective when diluted at the rate of 1 or 2 teaspoonfuls to each gallon of water. For more resistant insects such as black fly (aphis), leaf-miner on "mums," etc., 3 or 4 teaspoonfuls to each gallon of water may be used.

Lb. $2.50; $6.00 per 4 lbs.; 8 lbs. $11.00; $45.00 per 40-lb. drum.

Nico-Fume Paper

Consists of sheets of paper, chemically treated with a definite amount of high-strength nicotine. The sheets are suspended from one end and lighted from the other end. They burn freely, giving off dense nicotine vapors which are deadly to insects, but are free from the harmful effects of tobacco smoke.

Nico-Fume products are especially suitable for fumigating roses, chrysanthemums, lilies, carnations, etc.

Box of 24 sheets, $1.50; $4.75 per 144 sheets; 288 sheets $8.50.

Nico-Fume Powder

Many florists prefer a tobacco powder for fumigating. Nico-Fume Powder (patented) consists of tobacco powder impregnated with high-strength nicotine and is guaranteed to contain not less than 12½ per cent of nicotine by weight. 1-lb. can $1.15; $3.50 per 5 lbs.; 10 lbs. $6.25.

Nico-Fume Pressure Fumigator

Nico-Fume Pressure Fumigator is safe for the plants and is the most commonly used fumigant. Insects on crops grown in greenhouses may be controlled by fumigation in many instances. This is advantageous to greenhouse owners because fumigation reaches every leaf and bud, and requires less time and labor than does spraying.

½-lb. size, 45c. each; $2.40 for 6; case lots of 1 doz., $4.20.

1-lb. size, 75c. each; $3.75 for 6; case lots of 1 doz., $7.00.

NAPTOCIDE. A fumigant insecticide that kills thrips, millepedes, sow bugs, etc., in greenhouses; also gladiolus thrips outdoors. Lb. 35c.; $1.25 per 5 lbs.; 10 lbs. $2.00; $4.00 per 25 lbs.; 50 lbs. $6.00; $11.00 per 100 lbs.; 500 lbs. $50.00.

NICO-ROTE. A scientific blending of nicotine and rotenone, the two most powerful insect poisons. Qt. $4.25; $12.50 per gal.; 5 gals. $55.50; $145.00 per 15 gals.

MICHELL'S INSECT DESTROYERS, ETC.

NICOTINE PYROX. Kills both chewing and sucking insects; controls blight and other diseases. Just mix with water and spray. Lb. 50c.; $1.75 per 5 lbs.; 10 lbs. $3.00.

NIKOTEEN (30 per cent). One of the very best forms of tobacco or nicotine preparations. 1-oz. bottle 30c.; 45c. per 2-oz. bottle; ½-lb. bottle $1.25; $2.00 per lb.; 4 lbs. $6.00; $11.50 per 8 lbs.

NIKOTEEN (40 per cent solution). 4 lbs. $6.50; $12.50 per 8 lbs.

PARA-DICHLOROBENZINE. For peach tree borers. Full directions on each package. Can be used successfully only during August and September. Do not use on very young trees. Ask for descriptive circular. 1-lb. can 50c.; $2.25 per 5-lb. can; 10-lb. can $4.00; $9.50 per 25-lb. keg; 100-lb. keg $25.00.

PARIS GREEN. A poisonous powder for potato bugs, worms, caterpillars, slugs, etc. ¼lb. 20c.; 35c. per ½lb.; lb. 50c.; $2.25 per 5 lbs.; $5.00 per 14 lbs.

The Leaf-green ALL-IN-ONE Dust
POMO·GREEN
WITH NICOTINE
NET WEIGHT 1 POUND

Pomo-Green
With Nicotine

A leaf-green all-in-one material that can be used as either a dust or spray. Combined insecticide for the control of black-spot and mildew on plants and shrubs, especially roses. Lb. 75c.; $3.00 per 5 lbs.

Without Nicotine

Used as a dust only to control diseases and leaf-eating insects only. 1-lb. can 50c.; $1.75 per 5-lb. carton.

PYRETHRUM POWDER. Valuable as a poison for plant-lice, water-bugs, roaches, etc., also the strawberry moth. Lb. 50c.; $2.25 per 5 lbs.; 10 lbs. $4.00.

PYROTE

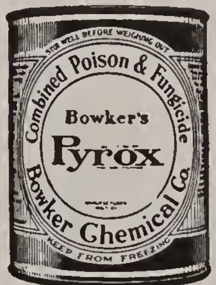
Double-acting concentrated Pyrethrum Rotenone spray for flowers, plants, vegetables and fruits. Harmless to humans and animals; does not injure vegetation.

Pyrote is the ideal insecticide for the home gardener, for it can be used with absolute assurance of maximum control of all types of insects. It is simply diluted with water, according to the dilution table, and sprayed on flowers, shrubbery, vegetables and fruit to control insect infestations. Non-poisonous and is not injurious to the most delicate plants.

1 oz.	$0 35	1 qt.	$3 50
6 ozs.	1 00	1 gal.	12 00
16 ozs.	2 00	5 gals.	50 00

RED ARROW
NON-POISONOUS
INSECT SPRAY
(PYRETHRUM SOAP)

Kills many varieties of insects, yet is absolutely safe to use. A highly concentrated extract of pyrethrum combined with a special soap, which is diluted with water before spraying. Oz. 35c.; $1.00 per 3½ ozs.; pt. $2.50; $4.00 per qt.; gal. $12.00.



PYROX (Bowker's). A combined insecticide and fungicide for all leaf-eating insects, blights, and fungous troubles. Especially recommended for potatoes. Mix Pyrox with water and spray. The material sticks to the leaves even through the hardest rains. 25 lbs. $5.00; $7.25 per 50 lbs.; 100 lbs. $12.50; $30.00 per 300 lbs.

RAT PASTE (Zelio). The most efficient poison for destroying rats, mice, and other rodents. 2-oz. tube 50c.

REVIVO

Japanese Beetle Grub Controlled—Crab Grass Prevented—The Lawn Fertilized

A unique scientific preparation that controls the Japanese beetle by destroying the beetle grub in the ground. Crab grass is prevented by the application of Revivo; chickweed, plantain and dandelion are stunted in growth and have a low rate of germination wherever Revivo is used. Rake the dead grass off the lawn, and sprinkle Revivo all over the ground at the rate of 10 pounds to 250 square feet, 100 pounds to 2500 square feet. Follow this by sowing lawn seed at the rate of one quart to 100 square feet.

2 lbs.	$0 35
10 lbs.	1 25
25 lbs.	2 50
100 lbs.	8 00
500 lbs.	37 50

ROTENONE

Non-Poisonous Dust

Contains 75/100 per cent of Rotenone. Controls asparagus, cucumber, bean, Colorado potato, flea, and blister beetles; leaf hopper, red spider, cabbage worms, thrips. 5 lbs. $1.25; $6.00 per 25 lbs.; 100 lbs. $20.00.

SELOCIDE. Scientific research reveals a powerful new killing agent that gives positive control of red spiders. Also kills the eggs and does not harm tender plants when properly used. Dilute 1 part to 49 parts of water. Qt. $1.30; $3.50 per gal.; 5 gals. $16.75.

SCALECIDE

The Complete Dormant Spray

Scalecide, diluted 1 gallon to 15 gallons of water, may be used on any kind of fruit or shade tree that drops its foliage in winter, any time after the leaves drop in the fall until they start out in the spring, provided it is not colder than 40°. One of the best times to spray is in the spring just as the green tips of the buds are showing.

On conifers, spruces, and pines, for pine scale, spruce gall, etc., spray with Scalecide 1 to 20 just before the new growth starts in the spring. On evergreens, euonymus, etc., spray at the same time with a dilution of 1 to 25.

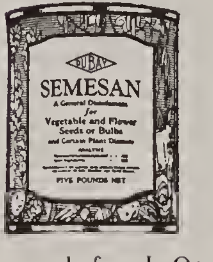
Qt. 65c.; $1.55 per gal.; 5 gals. $5.50; $10.50 per 10 gals.; 30 gals. $23.50; $32.00 per 50 gals.

MECHLING'S
SUPERIOR
SCALE OIL
SPRAY
DIRECTIONS

SCALE OIL. A high-grade refined oil made miscible by a chemical saponifying process. An efficient spray for controlling scale insects, aphis, thrip, red spider, etc. Qt. 70c.; $1.25 per gal.; 5 gals. $5.00; $14.50 per 30 gals.; 50 gals. $20.00.

SEMESAN

For Flower and Vegetable Seeds, also for Lawns



Semesan may be applied in dust or liquid form to the seed before planting. It is harmless to the seed but deadly to disease organisms that may be on the seed. Semesan is such a powerful and effective disinfectant that seed treatment with it is ridiculously low in cost, ranging from ¼ to 1 cent per pound of seed. One ounce treats 15 pounds of seed. Effective in controlling damping-off and such devastating gladiolus diseases as hard rot and scab. Also the most effective means of controlling brown patch which attacks the turf of golf-courses, tennis-courts and lawns.

2 ozs	$0 35
1 lb.	2 25
5 lbs.	9 90
25 lbs.	45 50
100 lbs.	180 00

SEMESAN, SPECIAL. (DuBay.) A grass-disinfectant for brown patch. 5 lbs. $7.00; $33.00 per 25 lbs.; 100 lbs. $129.00.

SEMESAN BEL, NEW IMPROVED. (DuBay.) For treating seed potatoes before planting. One pound treats 16 to 20 bushels of seed. 4 ozs. 45c.; $1.50 per lb.; 5 lbs. $6.75; $31.00 per 25 lbs.; 100 lbs. $122.00.

SEMESAN JR., NEW IMPROVED. (DuBay.) For controlling seed-borne diseases of seed field and sweet corn. 4 ozs. 35c.; $1.00 per lb.; 5 lbs. $4.75; $21.00 per 25 lbs.; 100 lbs. $83.00.

HAMMOND'S
SLUG SHOT
DESTROYS
INSECTS

SLUG SHOT

The standard remedy for currant worms, rose slugs, cabbage worms, potato bugs, Mexican bean beetle, sow bugs, etc. A fine powder easily distributed by a duster or in water and sprayed. 1-lb. carton 25c.; $1.00 per 5 lbs.; $3.00 per 25 lbs.; 125-lb. keg, with a duster, $12.50.

SLUG SHOT. *Liquid.* We offer this to those who desire to use it as a spray. Oz. 35c.; $1.00 per 6 ozs.; 16 ozs. $2.25; $4.00 per qt.; gal. $12.00; $55.00 per 5 gals.

MICHELL'S INSECT DESTROYERS, ETC.

Science Provides New Safe Method That Does the Work Without Fuss

SNAROL

SNAROL
Kills
SNAILS
CUTWORMS
SOWBUGS
SLUGS

Quickly destroys garden pests! Cutworms, snails, grasshoppers, slugs, sowbugs, earwigs, etc.

Snarol is a ready-prepared meal that you simply broadcast on the ground, under the vegetation. Pests eat it at night and are quickly destroyed.

Snarol will not deteriorate from rain or sprinkling. Thus it lasts longer and is more economical. Requires no preparation. It is non-injurious to vegetation when used according to simple directions.

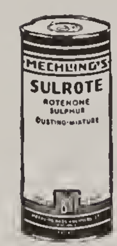
1½ lbs. 35c.; 85c. per 4 lbs.; 15 lbs. $3.00; $8.00 per 50 lbs.

SOAP (C. P. O.). For control of many insects on evergreens, flowering plants, fruits and vegetables. 3-oz. bottle 25c.; 65c. per pt.; qt. $1.00; $2.50 per gal.

Soap Spray (Imp.). An all-round outdoor and greenhouse insecticide. Pt. 65c.; $1.00 per qt.; gal. $3.00; $12.00 per 5 gals.; 10 gals. $20.00; $58.50 per ½bbl. (about 30 gals.).

Sulrote

Rotenone Sulphur Dust



An insecticide and fungicide for flowers, vegetables and ornamentals. Non-poisonous when used as directed.

Especially recommended for control of Mexican bean beetle and for worms on cabbage and cauliflower and many other insects. Also effective against chinch bugs, gladiolus thrips, black-spot and mildew on roses. Repels Japanese beetles.

1 lb.	$0 40
5 lbs.	1 20
25 lbs.	4 50
100 lbs.	17 00

SULPHATE OF COPPER. For destroying fungous diseases of all kinds; also used in making Bordeaux Mixture. Lb. 15c.; 65c. per 5 lbs.; 10 lbs. $1.20; $2.75 per 25 lbs.; 100 lbs. $9.00.

SULPHUR. Used principally in greenhouses for checking mildew. It is also used as a preventive and cure for San Jose scale, when it is used in connection with lime and salt. Lb. 10c.; 45c. per 5 lbs.; 10 lbs. 85c.; $2.00 per 25 lbs.; 100 lbs. $7.50.

SULPHUR CANDLES. 20c. each; doz. $2.25.

SUNOCO SPRAY OIL. For controlling scale insects, red spider, aphis, thrip, etc. Gal. $1.25; $5.00 per 5 gals.; 15 gals. $8.25; $14.50 per 30 gals.; 50 gals. $20.00.

THRIP JUICE (Hammond's No. 2). This preparation is very effective against aphis, red spider, mealy bugs and sucking insects generally. Pt. 80c.; $1.25 per qt.; gal. $4.00.

TOBACCO DUST. *For dusting.* 1-lb. can with sifter top, 25c.; 35c. per 5 lbs.; 10 lbs. 60c.; $1.25 per 25 lbs.; 50 lbs. $2.00; $3.50 per 100 lbs.

TOBACCO DUST. *For fumigating.* A specially prepared article. Lb. 10c.; 45c. per 5 lbs.; 10 lbs. 75c.; $1.25 per 25 lbs.; 50 lbs. $2.25; $4.25 per 100 lbs.

TOBACCO STEMS. *Fresh.* For fumigating. Lb. 10c.; 30c. per 5 lbs.; 10 lbs. 50c.; $1.00 per 25 lbs.; large bales at 2c. per lb.; ½ton $15.00; $27.50 per ton.

Tree Tanglefoot

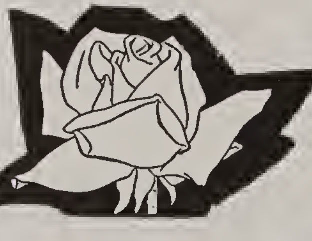
Stops all climbing insects

For protecting Orchards, Vineyards, and Shade Trees

Endorsed by leading horticulturists and experiment stations everywhere. Use Tanglefoot Plant Spray for flower and vegetable gardens.

Why let insects climb your trees or grapevines, and destroy buds, foliage, and fruit? Stop them with Tree Tanglefoot. This sticky compound is easy to apply with a wooden paddle—outlasts substitutes 10 to 20 times—is effective three to four months. Better than wax for grafting operations. Good, too, for sealing tree cuts, wounds and cavities. Keep Tree Tanglefoot on hand. Get a supply now, from your dealer.

Lb. 65c.; $3.00 per 5 lbs.; 10 lbs. $5.65; $12.00 per 25 lbs.



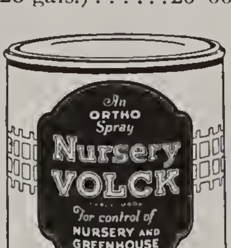
TRI-OGEN

The all-purpose spray

Fungicide—Insecticide—Plant Stimulant

Complete protection against plant insects and diseases. Mildew and black-spot easily controlled with this spray treatment.

A. Small kit (makes 16 qts.)	$1 50
B. Medium kit (makes 64 qts.)	4 00
C. Large kit (makes 32 gals.)	6 00
D. Estate kit (makes 128 gals.)	20 00



VOLCK, GARDEN. A Volck-Nicotine combination spray that offers the home gardener as nearly complete a garden spray as can be put in one package. It is used to control aphis, thrips, scale, mealy bug, red spider, white fly, lace-wing bug, cyclamen mite, greenhouse orthezia, leaf miner, squash bug, leaf hopper, small caterpillars, leaf-spot, mildew, rusts, etc. 3½ ozs. 35c.; $1.00 per pt.; qt. $1.50; $4.00 per gal.

VOLCK, NURSERY. A mineral-oil spray for general use on growing plants in the nursery, greenhouse and garden. It is not to be confused with Garden Volck, which contains soap and nicotine. ½pt. 35c., 75c. per qt.; gal. $2.00; $6.50 per 5 gals.

WETTABLE SULPHUR, Microscopic. For a number of years chemists have been at work on an entirely different type of Sulphur for wet spraying. The result of this work was the introduction of Microscopic Wettable Sulphur in 1935. This new and greatly improved summer fungicide contains 95 per cent Sulphur of 325-mesh fineness. Such extreme fineness, together with its ability to stay in suspension indefinitely, makes it a valuable summer spray to both orchards and ornamentals. Its high percentage of actual Sulphur content, which far exceeds that of most fungicides, means greater disease protection.

Lb. 20c.; 60c. per 5 lbs.; 10 lbs. $1.00; $2.25 per 25 lbs.; 100 lbs. $7.50.

WHY BUGS LEAVE HOME
WILSONS
O.K.
PLANT SPRAY

WILSON'S O. K. PLANT SPRAY. This Spray offers a sure and safe method of control for box-mite, thrip, leaf hopper, psylla, green, black, and woolly aphis, midge, currant worms, spruce gall, lace-wing fly on rhododendrons, crawling young scale, and many other insects commonly found attacking flowering plants, ornamental shrubs, garden crops, and trees.

½pt. 40c.; $1.00 per qt.; gal. $3.00; $12.00 per 5 gals.; 10 gals. $22.00; $57.00 per ½bbl. (30 gals.); bbl. (50 gals.) $90.00.

WORM DESTROYER. *For earthworms.* A powder to be distributed over a given surface and soaked with water. 100-lb. bag $4.00; $15.00 per 500 lbs.; ½ton $28.50; $50.00 per ton.

X-L-ALL INSECTICIDE COMPOUND. For syringing or dipping. Destroys mealy bug, scale, thrip, red spider, green or black fly, caterpillars, blight, and all insect pests in the garden. Also safe to use on tender plants. Gal. $9.00.

SOLVAY CALCIUM CHLORIDE

For Laying Dust in Driveways and Dressing Courts

An ideal material not only for laying the dust, but also for keeping down the cost of resurfacing gravel roads. Forms a binder and prevents the surface of the road from blowing away in the form of dust, or from being washed away by rains or excessive sprinkling. 100-lb. bag $3.00; $2.70 per 100 lbs. in drums of about 400 lbs.

You will find a complete line of Dusters and Sprayers for applying the various insecticides on pages 153 to 156.

Michell's High-Grade Fertilizers

PLEASE NOTE: **No smaller quantity of Fertilizer than here offered can be supplied**

ADCO Artificial Manure

Converts garden refuse, such as leaves, stalks, cuttings, potato, bean and pea vines, etc., into artificial manure.

Adco is a powder which, when mixed with almost any non-woody vegetable waste and kept moist, gradually converts the mass into real manure fully equal to the farmyard product in fertilizing power, but free from foul odor, flies, weed-seeds, etc. The process is perfectly simple and not at all laborious.

Gardeners can now have plenty of manure at low cost and little trouble.

Farmers, by utilizing straw, corn stalks, etc., can secure their manure without the expense and labor of maintaining live-stock.

25 lbs. is sufficient to make ½ ton of manure; 150 lbs. is sufficient to make 3 tons of manure.

25 lbs. $2.00; $10.50 per 150-lb. bag; 600 lbs. $42.00; $145.00 per 2100 lbs.

All Crop Fertilizer. A high-grade, properly balanced fertilizer for general use on all farm and garden crops. 25 lbs. $1.00; $1.75 per 50 lbs.; 100 lbs. $3.00; $5.00 per 200 lbs.; ½ton $21.00; $40.00 per ton.

Ashes, Hardwood. Apply 1000 pounds per acre. Indispensable for all crops requiring potash. Excellent for mixing with potting soil. For top-dressing lawns and grass-fields it is applied to best advantage either in very early spring or late fall. 25 lbs. $1.00; $1.75 per 50 lbs.; 100 lbs. $3.00; $5.00 per 200-lb. bbl.; ½ton $22.50; $40.00 per ton.

Asparagus Fertilizer. A mixture that promotes root- and top-growth. Apply 800 pounds per acre. 25 lbs. $1.00; $1.50 per 50 lbs.; 100 lbs. $2.50; $4.50 per 200 lbs.; ½ton $21.50; $40.00 per ton.

Bacteria for Leguminous Crops. See Legume-Aid.

Blood (Dried). For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. One of the quickest acting fertilizers. 5 lbs. 60c.; $1.10 per 10 lbs.; 25 lbs. $2.00; $3.25 per 50 lbs.; 100 lbs. $5.50; $10.75 per 200 lbs.; 500 lbs. $25.00.

Blood, Bone and Potash. A very high-grade fertilizer for all vegetable and farm crops. 100 lbs. $5.00; $9.50 per 200 lbs.; ½ton $37.50; $65.00 per ton.

Blood Flour. Very finely bolted. 5 lbs. 60c.; $1.00 per 10 lbs.; 25 lbs. $2.00; $3.50 per 50 lbs.; 100 lbs. $6.00; $11.50 per 200 lbs.

Bone, Coarse Ground. Apply 800 to 1000 pounds per acre. Prepared from raw bone, exactly like bonemeal, except that it is not so fine or quick in action. It is used for the same purpose. 100 lbs. $4.50; $8.50 per 200 lbs.; ½ton $38.50; $75.00 per ton.

Bone Flour. Finely pulverized and bolted. Effective immediately. For rose-growing this cannot be excelled. Rich in phosphoric acid and ammonia. Apply 600 pounds per acre. 5 lbs. 50c.; 85c. per 10 lbs.; 25 lbs. $1.50; $2.25 per 50 lbs.; 100 lbs. $4.00; $7.00 per 200 lbs.; ½ton $30.00; $55.00 per ton.

Bovung. A natural cow-manure containing not less than 75 per cent organic matter, thoroughly dehydrated and well pulverized. Free from live weed seeds; ideal for use on the lawn and also excellent for flowering plants. 5 lbs. 35c.; 60c. per 10 lbs.; 25 lbs. $1.00; $1.50 per 50 lbs.; 100 lbs. $2.75; $12.50 per 500 lbs.; ½ton $23.50; $42.50 per ton.

Bonemeal

Michell's Special Grade

Unusually rich in nitrogen and phosphoric acid, the two principal plant-foods. We recommend this especially for lawns, gardens, and greenhouses, or any purpose where a high-class fertilizer counts. Apply 800 to 1000 pounds per acre. 3 lbs. 25c.; 40c. per 5 lbs.; 10 lbs. 65c.; $1.25 per 25 lbs.; 50 lbs. $2.25; $3.50 per 100 lbs.; 200 lbs. $6.50; $27.00 per ½ton; ton $50.00.

MICHELL'S
BONE MEAL
HENRY F. MICHELL
PHILADELPHIA

CLAY'S FERTILIZER. An English chemical fertilizer for forcing greenhouse plants and vegetables. It can be used in either dry or liquid form. 28 lbs. $3.75; $6.25 per 56 lbs.; 112 lbs. $12.00.

Cottonseed Meal. Apply 800 pounds per acre. Exceedingly rich in potash and ammonia, making it excellent for use as a grass and grain fertilizer; for putting-greens it is invaluable. 5 lbs. 40c.; 75c. per 10 lbs.; 25 lbs. $1.30; $2.25 per 50 lbs.; 100 lbs. $4.00; $35.00 per ½ton; ton $65.00.

Cow or Cattle Manure (Shredded). One sack of this is equal to one cartload of cow-manure in regular form. Convenient to handle, making it possible for everyone to get this usually scarce article at all times. Especially suited for soil-mixing, mulching and liquid manuring. Apply 1000 pounds per acre. 5 lbs. 45c.; 70c. per 10 lbs.; 25 lbs. $1.25; $2.00 per 50 lbs.; 100 lbs. $3.25; $16.00 per 500 lbs.; ½ton $30.00; $55.00 per ton.

Cow or Cattle Manure (Pulverized). Thoroughly sterilized and weedless. Quick in action and especially desirable for pot-plants, etc. 100 lbs. $3.25; $16.00 per 500 lbs.; ½ton $30.00; $55.00 per ton.

◁ DRICONURE ▷
Dehydrated Cow Manure and PEAT MOSS Soil Improver

Driconure. This contains just two ingredients—cow-manure and peat moss, so treated as to be free of weed seeds and practically odorless. A real soil-conditioner for the lawn and garden. Bag (50 lbs.) $3.00; $14.50 per 5 bags; 10 bags $28.00.

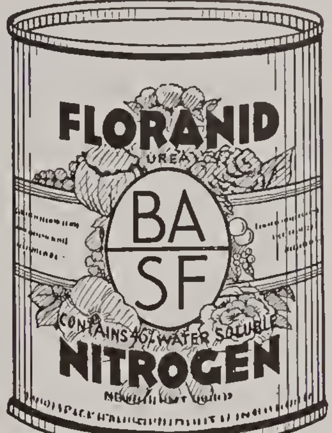
Ferogen. A spring and summer ground dressing. Reinforces any manure fertilizers you may use. Lb. 75c.; $1.25 per 2 lbs.; 5 lbs. $2.75; $4.75 per 10 lbs.; 25 lbs. $11.00; $40.00 per 100 lbs.

Handbook of Fertilizers

By GUSTAFSON

128 Pages Price, $1.50

If small quantities of Fertilizers listed are wanted by Parcel Post, please add for postage as follows: 10c. for 3 lbs.; 15c. for 5 lbs.; 20c. for 10 lbs., to the First and Second Zones; for other Zones, see Parcel Post Table, page 1.



Floranid (Urea)

A Concentrated Nitrogen Fertilizer

Floranid (Urea) is the richest of all nitrogen fertilizers. It contains 46 per cent nitrogen—the plant-food most needed for rapid, luxuriant growth. Floranid (Urea) supplies soluble organic nitrogen in the same form as the nitrogen in liquid manure. This form of nitrogen is especially valuable for giving the foliage a rich, dark green color and enhancing the brilliance of the blooms. One pound of Floranid supplies as much nitrogen as 92 pounds of manure. And Floranid is clean, odorless, and convenient to apply.

Useful for vegetables, flowers, shrubs and lawn. Full directions on each package. Lb. 25c.; 90c. per 5 lbs.; 10 lbs. $1.50; $2.75 per 25 lbs.; 100-lb. bag $9.50.

Horn Shavings. Used principally for mixing in potting soil. Rich in ammonia. Especially valuable in chrysanthemum growing. 5 lbs. 70c.; $1.25 per 10 lbs.; 25 lbs. $2.25; $3.75 per 50 lbs.; 100 lbs. $6.50.

Hortobacco (Michell's). A fertilizer manufactured from a tobacco base. For lawns, putting-greens, flower and vegetable gardens, etc. Also acts as an efficient insecticide. 5 lbs. 25c.; 45c. per 10 lbs.; 25 lbs. $1.00; $1.75 per 50 lbs.; 100 lbs. $3.00; $13.00 per 500 lbs.; ½ton $26.00; $50.00 per ton.

Hyper-Humus

Nature's Own Soil Enricher

This is rich soil humus that has been aërated, sweetened and composted, making it an ideal top-dressing for lawns and flower beds; makes heavy soils light and porous, light soils heavy, just what you need to promote plant and lawn development at the seashore; gives immediate and permanent effects wherever used. No odor; no weeds. For lawns use 200 pounds to 1000 square feet; for vegetables and flowers, spread about 1 inch thick. It will work wonders. 5 lbs. 30c.; 50c. per 10 lbs.; 25 lbs. 75c.; $1.25 per 50 lbs.; 100 lbs. $2.00; $9.50 per 500 lbs.; ½ton $15.00; $25.00 per ton. Carload lots in bulk, $10.00 per ton, f.o.b. Factory.

Kainit (Potash Salts). Apply 800 to 1000 pounds per acre. Excellent for potatoes, corn, and other grains; also for top-dressing asparagus beds, etc. 5 lbs. 30c.; 50c. per 10 lbs.; 25 lbs. 90c.; $2.00 per 100 lbs.; 200 lbs. $3.50; $15.00 per ½ton; ton $27.00.

Land Plaster. Used for top-dressing newly plowed land prior to harrowing and for sweetening the soil on lawns and fields; also used for mixing with Paris Green. Apply 1500 to 2000 pounds per acre. 10 lbs. 40c.; 85c. per 25 lbs.; 50 lbs. $1.25; $2.00 per 100 lbs.; 200 lbs. $3.75; $16.00 per ½ton; ton $30.00.

MICHELL'S HIGH-GRADE FERTILIZERS

Lawn Dressing and Fertilizer

(Michell's)

This will put new life into old lawns and make new lawns grow quickly. A combination of rich organic matter that will give the grass that beautiful green velvety appearance. No danger of weeds or burning. Broadcast at the rate of 5 pounds to every 100 square feet, or 1000 pounds per acre. Apply any time. 5 lbs. 35c.; 60c. per 10 lbs.; 25 lbs. $1.00; $1.75 per 50 lbs.; 100 lbs. $3.00; $27.50 per ½ton; ton $50.00.

Lawn Sand, Climax

Kills Weeds in the Lawn Without Injury to the Grass

A combination of finely ground chemicals which, when sprinkled over the grass, possesses the remarkable property of destroying moss, chickweed, plantains, dandelions, and all other weeds on lawns, tennis-courts, golf-greens, etc., at the same time promoting the growth of the finer grasses. It may be applied any time during the growing season of the year. The lawn must be absolutely dry. It acts as a powerful fertilizer for grasses if applied as a top-dressing in the early spring. For top-dressing as a fertilizer apply ¼ ton per acre. For best results, follow directions on the package. 3½-lb. tin 75c.; $1.35 for 7 lbs.; 14 lbs. $2.50; $4.00 per 28 lbs.; 56 lbs. $6.50; $12.50 per 112 lbs.

LEGUME-AID. Moist composition base. Living bacteria in a base of relative low-moisture content which adheres to dry seed without the use of water.

For Alfalfa and all Clovers: ¼-bus. size 20c.; 30c. per ½-bus. size; 1-bus. size 50c.; $1.00 per 2½-bus. size.

For Soy Beans, Peas, Vetch and Beans: ½-bus. size 20c.; 30c. per 1-bus. size; 2-bus. size 50c.; $1.00 per 5-bus. size.

Garden Size for Garden Peas, Beans, and Sweet Peas, 25c.

We can also supply Agar (Jelly) base at same prices. Always state what kind of seed you wish to inoculate when ordering.

Lime (Hydrated or Powdered). This is a very fine article for distributing on grass. Promotes growth, gives the grass a rich color, and has a tendency to prevent the growth of weeds. Apply 1 ton per acre. 10-lb. box 30c.; 85c. per 50 lbs.; 100 lbs. $1.40; $6.75 per 500 lbs.; ½ton $13.00; $22.50 per ton.

Limestone (Pulverized). For applying on sour or worn-out soils at the rate of 1 ton per acre. Put up in 100-pound bags. 100 lbs. $1.00; $4.75 per 500 lbs.; ½ton $9.00; $17.50 per ton.

Manure (Fresh Horse, Stockyard, and Cow). At short notice we can usually supply first-class horse, cow, and stockyard manure in carload lots only. Prices on request.

Mum Manure (Smith's). Give your plants a quick start by using this manure. A perfect food for Mums and other flowers, either under glass or in the garden. 50 lbs. $2.75; $5.00 per 100 lbs.

Muriate of Potash. Apply 100 to 150 pounds per acre, usually with other fertilizers. Excellent for potatoes, corn, and other grains. Analysis, equal to 50 per cent actual potash. 5 lbs. 35c.; 60c. per 10 lbs.; 25 lbs. $1.25; $2.25 per 50 lbs.; 100 lbs. $4.00; $7.25 per 200 lbs.; ½ton $31.50; $60.00 per ton.

Nitrate of Soda. Apply 100 to 150 pounds per acre, mixing with land-plaster or other fertilizers to render application more easy. Use only after plants are above ground. If used in liquid form, dilute 2 ounces to 1 gallon of water and do not apply oftener than twice a week. Lb. 15c.; 25c. per 2 lbs.; 5 lbs. 50c.; 75c. per 10 lbs.; 25 lbs. $1.25; $2.00 per 50 lbs.; 100 lbs. $3.50; $6.50 per 200 lbs.; ½ton $31.00; $60.00 per ton.

Nitrophoska

The Concentrated Complete Fertilizer

Nitrophoska is a soluble, high-analysis, complete fertilizer—three to five times as rich in plant-food as the ordinary complete fertilizer. Consequently, Nitrophoska produces strong, vigorous, sturdy plants at very low plant-food cost.

A little Nitrophoska goes a long way. The plant-food is soluble and quick acting. Spread it evenly and mix it thoroughly in the soil before planting, or apply in solution after the plants are well established, washing down with clear water. Used with manure, Nitrophoska provides a balanced plant-food ration. It is a complete fertilizer and contains 15 per cent nitrogen, 30 per cent phosphoric acid, and 15 per cent potash. It supplies the three essential plant-foods. Used for every purpose in the garden, on lawns, flowers, shrubs, vegetables, etc.

Lb. 25c.; 90c. per 5 lbs.; 10 lbs. $1.50; $2.75 per 25 lbs.; 100 lbs. $6.50.

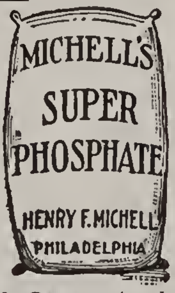
ORGANIC
PHILOGAN
FERTILIZER

Philogan

A Natural Manure for All Crops

Organic material, treated and manufactured by scientific process and special machinery. Nothing added or taken away; all weed seeds have been destroyed and harmful bacteria removed. It is a perfect food, all available and will supply nourishment as soon as applied. Of great value in producing carnations, roses, and other flowers, also excellent for the lawn; invigorates root-action, strengthens stems, and adds quality to the blooms. Will not injure the most delicate blooms or foliage. 25 lbs. 85c.; $1.50 per 50 lbs.; 100 lbs. $2.50; $12.00 per 500 lbs.; ½ton $23.00; $40.00 per ton.

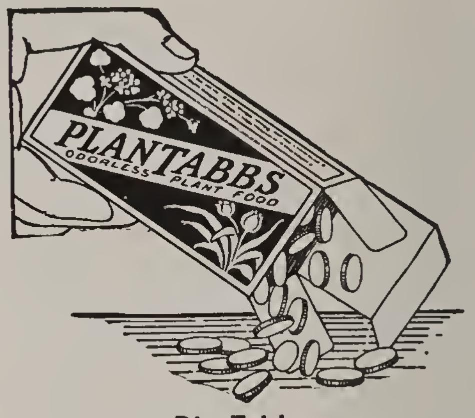
Phosphate (Michell's High Grade). For all vegetable crops, grains, grass, etc. Apply 800 to 1000 pounds per acre broadcast. 5 lbs. 40c.; 70c. per 10 lbs.; 25 lbs. $1.25; $2.00 per 50 lbs.; 100 lbs. $3.50; $6.00 per 200 lbs.; ½ton $25.00; $45.00 per ton.



Phosphate for Corn and Oats. Apply 800 pounds per acre. 100 lbs. $3.00; $5.00 per 200 lbs.; ½ton $21.50; $40.00 per ton.

Phosphate, Super-Acid (16 per cent). Apply 1000 pounds per acre. Used for mixing with other fertilizers to increase the phosphoric acid analysis. 5 lbs. 35c.; 60c. per 10 lbs.; 25 lbs. $1.00; $3.50 per 200 lbs.; ½ton $13.00; $25.00 per ton.

ALL PRICES SUBJECT TO MARKET CHANGES



PlanTabbs

Would you like to experience the joy of having strong, bushy plants full of healthy, green foliage, an abundance of sweetest scented blooms, finer, richer colors over a longer season?

Use Fulton's PlanTabbs, the finest of plant-foods. Clean, convenient tablets without odor; balanced and complete, they contain all the food elements any plant requires.

It is hard to realize that so much plant-food is contained in one of these little tablets. They are highly concentrated yet perfectly safe on even the tenderest plants, and quite economical.

Don't look at others' flowers and wish yours were like them, but have them yourself. You can, by giving a little kind attention.

Pkg. (30 tablets) 25c.; 50c. for 75 tablets; 200 tablets $1.00 (by Parcel Post, $1.10); $3.50 per 1000 tablets (by Parcel Post, $3.65).

Potato Fertilizer (Michell's). Apply at the rate of from 800 to 1000 pounds per acre. 25 lbs. $1.00; $1.75 per 50 lbs.; 100 lbs. $3.00; $5.75 per 200 lbs.; ½ton $27.50; $50.00 per ton.

Salt. For asparagus beds and putting on walks and roads to kill weeds. Apply 800 pounds per acre in early spring. 25 lbs. 75c.; $1.25 per 50 lbs.; 100 lbs. $2.00; $3.50 per 200 lbs.; ½ton $16.00; $30.00 per ton.

Soot (Imported Scotch). This is used principally for bringing a good healthy color into the foliage of chrysanthemum and other greenhouse plants. Also destroys insects and grubs that work on top of and underneath the surface. 5 lbs. 60c.; $1.00 per 10 lbs.; 25 lbs. $1.50; $5.00 per 100 lbs.

Stim-U-Plant. A plant-food in tablet form. Contains highly concentrated, immediately available forms of plant-food for use in stimulating all fruit, flower, vegetable and ornamental plants and may be used in tablet or in liquid form. Pkg. (30 tablets) 25c. (by Parcel Post, 30c.); 75c. per pkg. of 100 tablets (by Parcel Post, 85c.); 1000 tablets $3.50 (by Parcel Post, $3.65).

Sulphate of Aluminum. Especially adapted for fertilizing rhododendrons and other plants requiring an acid soil. 5 lbs. 40c.; 70c. per 10 lbs.; 25 lbs. $1.25; $4.00 per 100 lbs.; 200 lbs. $7.50.

Sulphate of Ammonia. Apply 75 to 100 pounds per acre only with other fertilizers deficient in nitrogen. A valuable fertilizer for all plants in which a large leaf development or rapid growth is desired; will stimulate growth almost immediately. Analysis equal to 25 per cent ammonia. 5 lbs. 50c.; 85c. per 10 lbs.; 25 lbs. $1.25; $2.00 per 50 lbs.; 100 lbs. $3.50; $6.50 per 200 lbs.

No smaller quantity of Fertilizer than here offered can be supplied

MICHELL'S HIGH-GRADE FERTILIZER

Steriloam. Makes every good seed grow. Steriloam assures 100 per cent germination of fertile seeds. There is no longer any reason for these failures because in Steriloam all seed enemies are eliminated. 10 lbs. $1.25; $2.00 per 25 lbs.; 50 lbs. $3.50; $6.00 per 100 lbs.

Sulphate of Potash. Apply 100 to 125 pounds per acre, usually with other fertilizers. On account of its great strength it must be used judiciously. Valuable for roots and grain crops. Analysis equal to 50 per cent of actual potash. 5 lbs. 40c.; 70c. per 10 lbs.; 25 lbs. $1.25; $2.25 per 50 lbs.; 100 lbs. $3.75; $7.25 per 200 lbs.

Tankage. This is usually applied to plants such as roses, etc., under glass. It is similar to dried blood. 5 lbs. 40c.; 70c. per 10 lbs.; 25 lbs. $1.25; $2.00 per 50 lbs.; 100 lbs. $3.50; $6.50 per 200 lbs.; ½ton $28.00; $55.00 per ton.

Terogen
SOIL DISINFECTANT
FUNGICIDE INSECTICIDE FERTILIZER
REG. U.S. PAT. OFF.

A new autumn and winter ground dressing acting both as a fertilizer and as an insecticide. 1-lb. tin 75c.; $1.25 per 2-lb. tin; 5-lb. tin $2.75; $4.75 per 10-lb. tin; 25-lb. tin $11.00; $21.00 per 50 lbs.; 100 lbs. $40.00.

Tobacco Stems. For fumigating, mulching, and fertilizing, these are invaluable. The chief fertilizing element in them is the potash. Lb. 10c.; 30c. per 5 lbs.; 10 lbs. 50c.; $1.00 per 25 lbs.; large bales at 2c. per lb.; ½ton $15.00; $27.50 per ton.

VIGORO
Specially prepared plant food

What Vigoro Will Do for Your Lawn and Garden

Develop thick, springy turf with no thin spots. Produce a deep root-system.

Helps choke out weeds. Grass roots start earlier than weeds. A good feeding puts grass ahead of the weeds. Soon a good matted root-system and turf leaves little room for weeds to grow.

Develops large colorful flowers with strong healthy stems and blooms, and more of them.

Helps plants resist disease—just as a child's resistance to disease is built up by proper diet.

Develops early, delicious vegetables and gives new life to trees and shrubs.

1-lb. pkg. 10c.; 45c. per 5 lbs.; 10 lbs. 85c.; $1.50 per 25 lbs.; 50 lbs. $2.50; $4.00 per 100 lbs.

Vita-Vim. The non-acid tonic food, especially suited to the exacting requirements of under-glass feeding. Lb. 35c.; 75c. per 5 lbs.; 25 lbs. $1.75; $3.00 per 50 lbs.; 100 lbs. $5.50.

Weed Killer (Adco). See page 162.

Wheat Fertilizer. For grass and grain crops. Apply 800 pounds per acre. 100 lbs. $3.00; $5.00 per 200 lbs.; ½ton $23.50; $45.00 per ton.

WONDER WORKER FERTILIZER. An extremely high-grade animal base fertilizer adapted for growing all vegetable crops. Will not burn and, not being a chemical product, no special instructions are necessary. Analysis: Ammonia, 6 per cent; phosphoric acid, 8 per cent; potash, 5 per cent. 100 lbs. $4.50; $8.50 per 200 lbs.; 500 lbs. $20.00; $37.50 per ½ton; ton $65.00.

Wood Ashes. See Ashes, page 171.

TREE FOOD
(Michell's)

A wonderful fertilizer for fruit and shade trees. Contains the three necessary elements mixed in the proper proportions so as to promote vigorous growth. On backward, sickly trees, whether newly planted or of long standing, it works wonders.

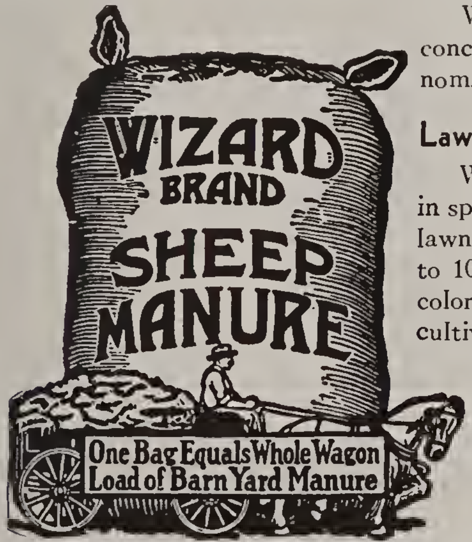
Not Used as a Top-Dressing

Drill holes in the ground 1½ feet deep and 5 feet away from the trunk, and extend out beyond the line of foliage; fill holes with food and then close.

25 lbs. $1.60; $2.50 per 50 lbs.; 100 lbs. $4.00; $19.00 per 500 lbs.; ½ton $35.00; $65.00 per ton.

Wizard Will Make Your Lawn and Garden Thrive!

Only natural plant-foods restore the humus and essential food elements used up by your plants each year. Wizard Brand Manures will bring out the real beauty of your lawn and garden because they enrich soils Nature's way. They release their abundant plant-food supply gradually over a long period. Consequently, your plants do not suffer from overfeeding or starvation. Chemical fertilizers will not improve the physical condition of your soil, which is just as important as its plant-food supply. So to be sure that *all* the needs of your plants are supplied correctly—use Wizard Brand Natural Plant-Foods.


WIZARD BRAND
SHEEP MANURE
One Bag Equals Whole Wagon Load of Barn Yard Manure

Wizard Sheep and Cow Manures are pure manures, free from straw and rubbish, highly concentrated and sterilized to kill all weed seeds. They are safe for all plants and most economical. One bag equals a whole wagon-load of stable manure.

Lawns and Gardens

Wizard produces thick, velvety green lawns of lasting beauty. Make an application early in spring and again in fall and you will be surprised at the new beauty it will develop. On old lawns broadcast, like sowing seed, 6 to 10 pounds per 100 square feet; on new lawns 10 pounds to 100 square feet raked into the surface soil. Luxurious green foliage and a wealth of vivid colored flowers follow the use of Wizard. Mix well with the soil under new plantings and cultivate into the soil around established plants. Fine for shrubs, vines and trees.

Vegetables and Fruit. Every gardener knows that nothing equals manure for growing big crops of crisp tender vegetables. Wizard will insure crops on time for the early market and improve yield and quality of fruit.

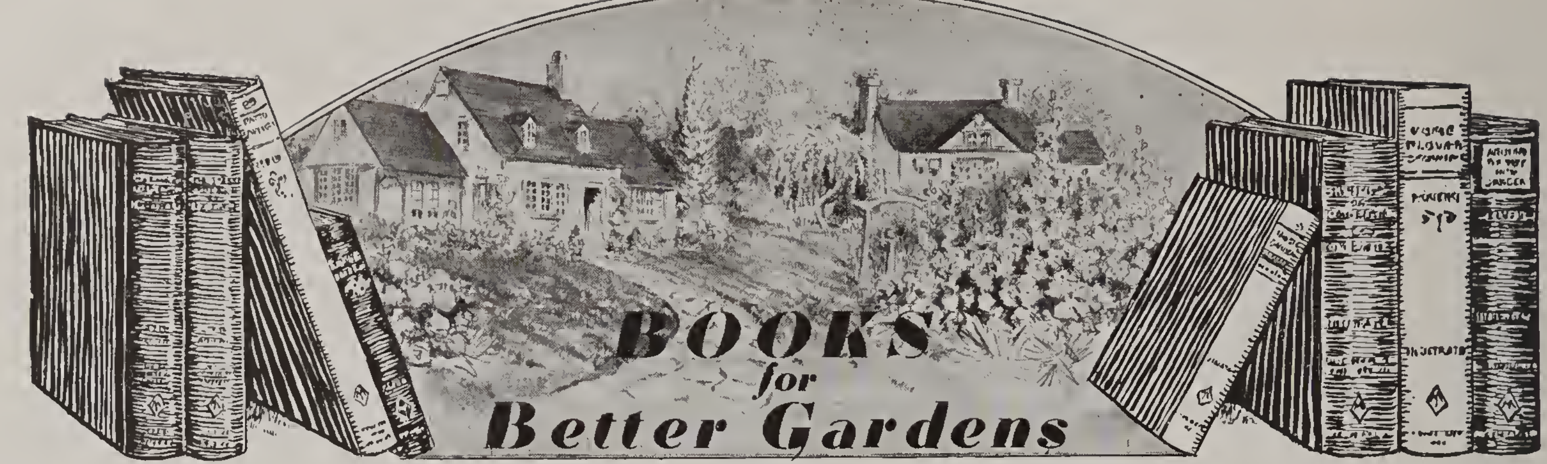
Florists. Florists have used Wizard for nearly thirty years. It is of highest quality and dependable for all crops under glass or in the field.

PRICES

Sheep Manure. 3 lbs. 25c.; 40c. per 5 lbs.; 10 lbs. 65c.; $1.00 per 25 lbs.; 50 lbs. $1.75; $3.00 per 100 lbs.; 500 lbs. $14.00; $26.50 per ½ton; ton $50.00.

Cow Manure. 5 lbs. 45c.; 70c. per 10 lbs.; 25 lbs. $1.25; $2.00 per 50 lbs.; 100 lbs. $3.25; $16.00 per 500 lbs.; ½ton $30.00; $55.00 per ton.

Sheep and Cow Manures
STERILIZED CONCENTRATED WEEDLESS



Books on Horticulture, Agriculture, and Kindred Subjects

Here is a selection of Books that is thoroughly up to date, practical, and comprehensive. Written by authors of national reputation—outstanding men who figure prominently in the various phases of garden and farm work. These Books will show you how to raise bigger and better crops, better your condition, increase your efficiency, add to your income. Read, and make your reading count.

Flowers and Ornamental Plants

Annuals, The Book of (Hottes). 180 pages. $1.50.

Annual Flowers, How to Grow (Ries). Profusely illustrated. 96 pages. $1.10.

Aquarium, The Modern (Innes). Packed with practical information. $1.00.

Book of Bulbs (Rockwell). A complete treatise on the growing of bulbs, for both fall and spring planting. 264 pages. $2.00.

Bulbs, Spring Flowering (Thayer). 128 pages. $1.25.

Cactus Culture (Schulz). 186 pages. $2.00.

Carnation Culture, Practical (Weston). 224 pages. $2.00.

Chrysanthemum and Its Culture, The (White). $2.00.

Climbing Plants, A Little Book of (Hottes). 250 pages. $2.00.

Commercial Floriculture (Bahr). 616 pages. $5.00.

Commercial Flower Forcing (Laurie and Chadwick). The fundamentals and their practical application to the culture of greenhouse crops. 519 pages. $4.00.

Dahlia, The (Peacock). A practical treatise on this popular flower. 128 pages. $1.25.

Dahlias (Rockwell). Their culture, etc. 85 pages. $1.25.

Delphiniums, How to Grow (Leonian). 96 pages. $1.10.

Everybody's Garden (Waugh). The How, the Why, and especially the Wherefore of the Home Garden. 300 pages. $3.50.

Four Seasons in Your Garden (Wister). A very comprehensive work. $2.50.

Garden Flowers in Color (Stevens). A picture cyclopedia of flowers. 400 photographs in color; 320 pages. $2.00.

Garden Lilies (Preston). Preparation of the soil, planting the bulbs, and general care. 128 pages. $1.25.

Gladiolus, The (Beal). A practical treatise. 128 pages. $1.25.

Home Floriculture (Rexford). A practical guide. $1.75.

Iris, The (Wister). A treatise on its history, development, and culture. 128 pages. $1.25.

Perennial Flowers, How to Grow (Ries). 96 pages. $1.10.

Perennial Gardens (Ortloff). 88 pages. $1.25.

Pronouncing Dictionary, The Home Gardener's (Hottes). 96 pages. 50c.

Rock Gardens, American (Hamblin). 128 pages. $1.25.

Rock Gardens (Rockwell). 86 pages. $1.25.

Roses and Their Culture (Hubbard). 128 pages. $1.25.

Roses, How to Grow (Pyle, McFarland, Stevens). 210 pages. $2.00.

Sweet Peas (Unwin). Their history, development, and culture. $2.00.

Violet Culture, Practical (Coon). 128 pages. 75c.

Water Gardens and Gold Fish (Sawyer, Perkins). 272 pages. $2.00.

Window Garden, The (Buxton). A practical manual on soils, propagation, watering, and general care of house plants. Illustrated; 160 pages. $1.50.

Plant Breeding, Propagating, Pruning, Etc.

Greenhouses, Their Construction (Wright). 286 pages. $2.00.

Handbook of Plants and General Horticulture (Henderson). A dictionary of plants. 526 pages. $3.50.

Principles and Practice of Pruning (Kains). 425 pages. $2.50.

Pruning Manual, The (Bailey). 400 pages. $2.50.

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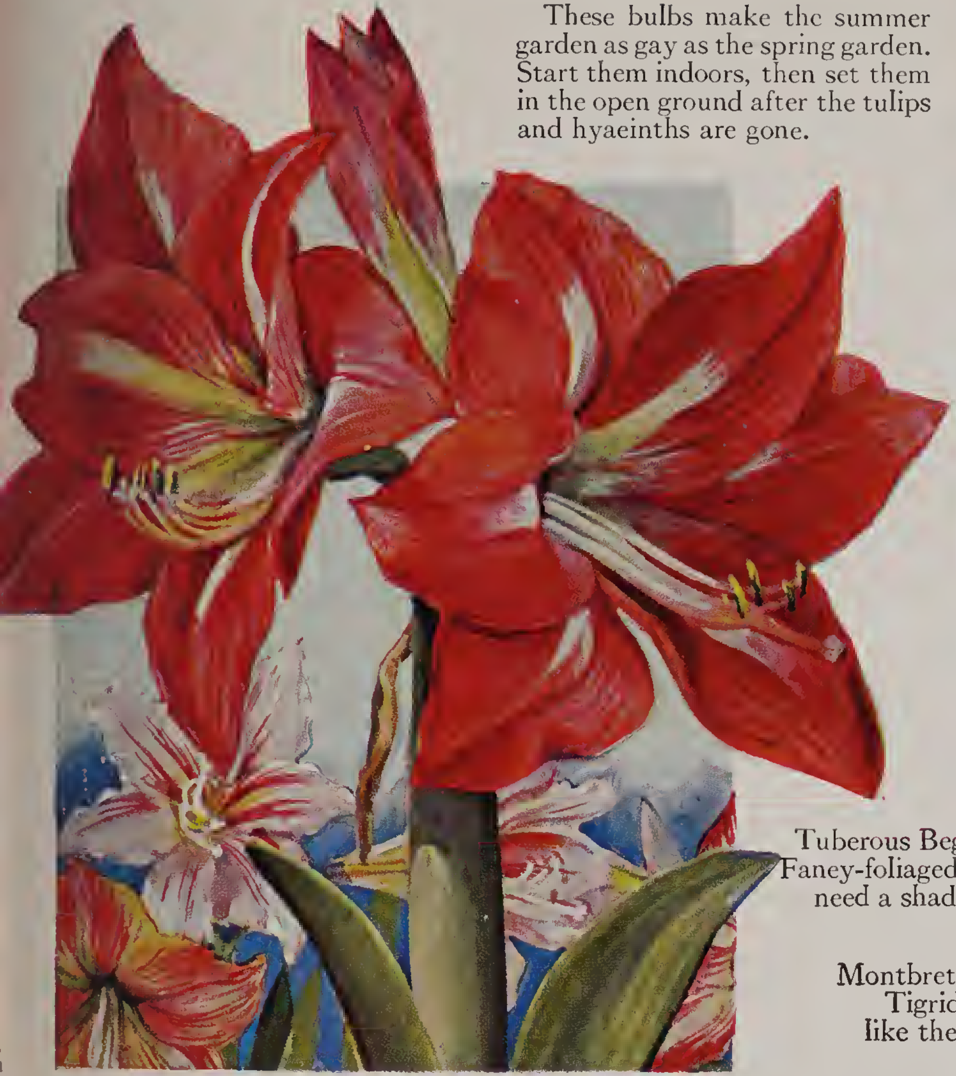
BULBS FOR SUMMER FLOWERS

These bulbs make the summer garden as gay as the spring garden. Start them indoors, then set them in the open ground after the tulips and hyacinths are gone.



AMARYLLIS, Giant American Hybrids
Mammoth bulbs, 75c. each; per doz. $8.00

BEGONIAS, Tuberous-rooted, Single, Mixed Colors
20c. each; per doz. $2.00; $14.00 per 100

Tuberous Begonias and Fancy-foliaged Caladiums need a shaded place.

Montbretias and Tigridias like the sun.

If Amaryllis are used in the garden the pot should be plunged into the ground.

CALADIUM, Fancy-foliaged
35c. each; per doz. $3.50; $25.00 per 100

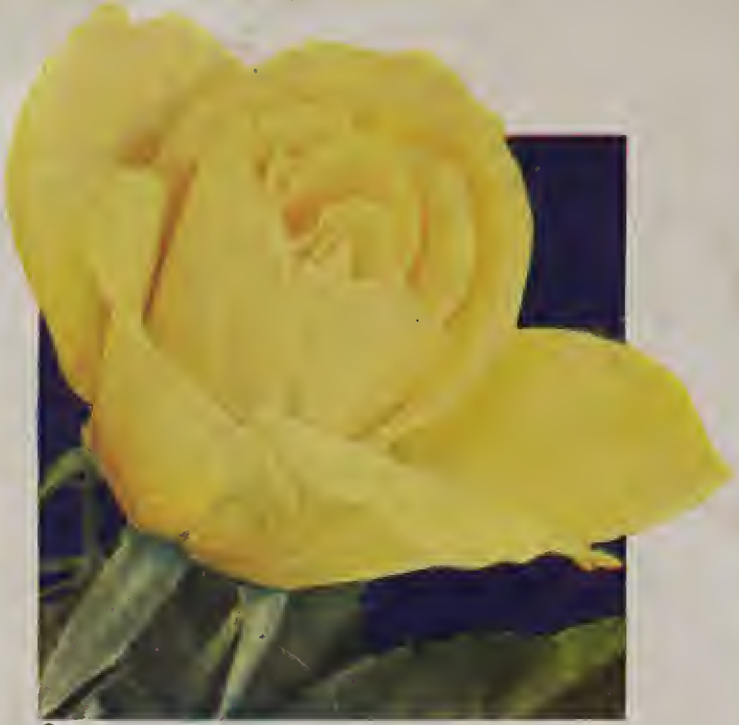
MONTBRETIAS, Choice Mixed
$1.00 per doz.; per 100 $7.50

TIGRIDIA PAVONIA, Mixed Colors
20c. each; per doz. $1.75; $12.00 per 100

MICHELL'S
Novelty Roses

FIVE BEAUTIFUL NEW ROSES, PICTURED
HERE IN NATURAL COLOR

HENRY F. MICHELL CO.
516-518 MARKET ST. PHILADELPHIA



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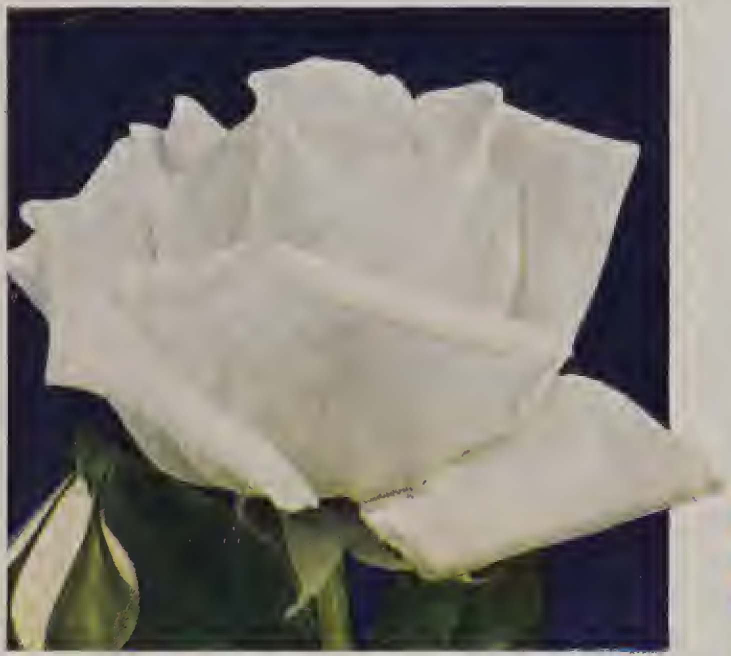
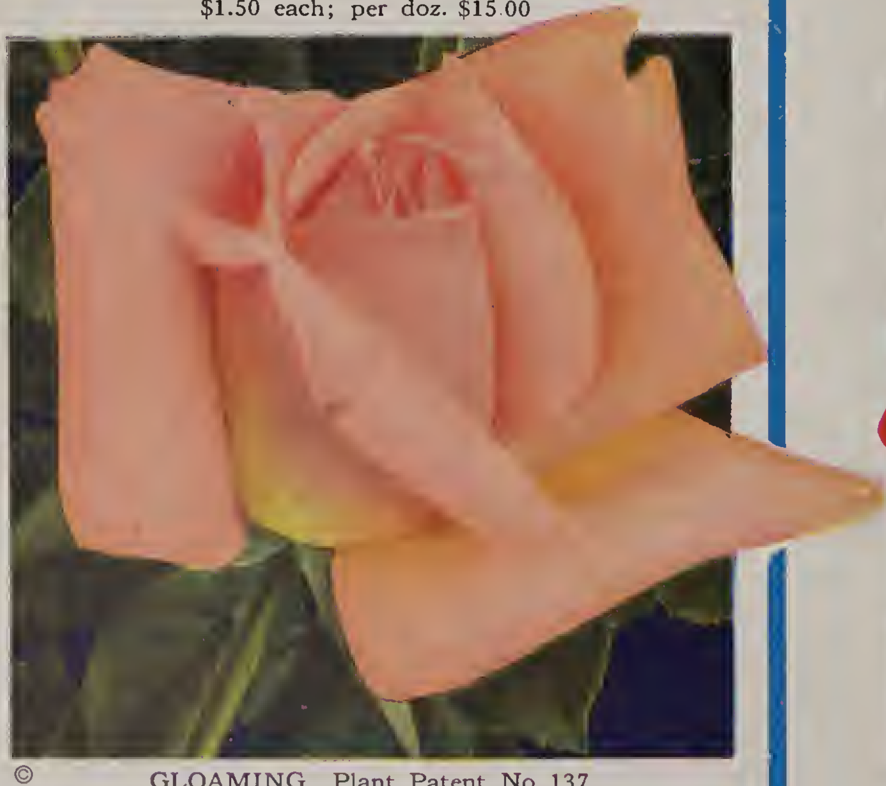
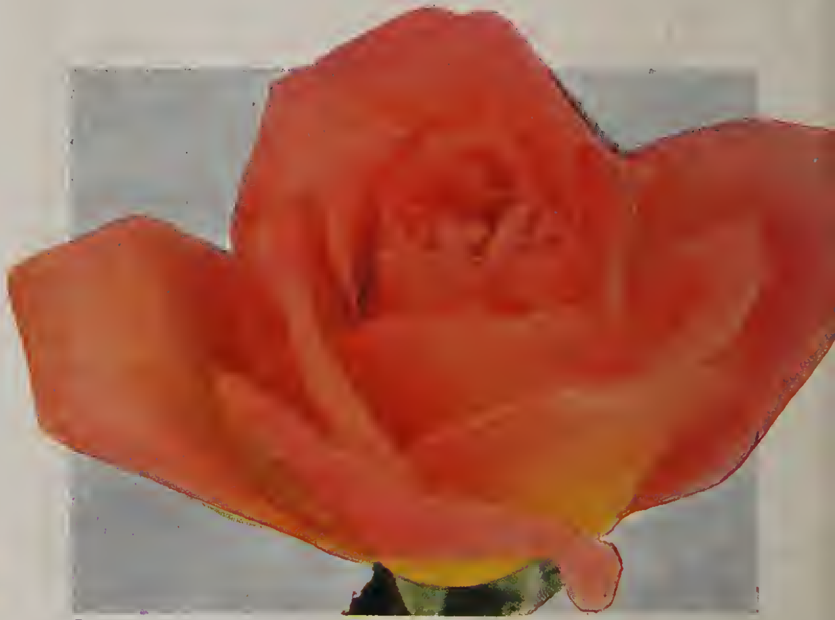
$1.50 each; per doz. $15.00



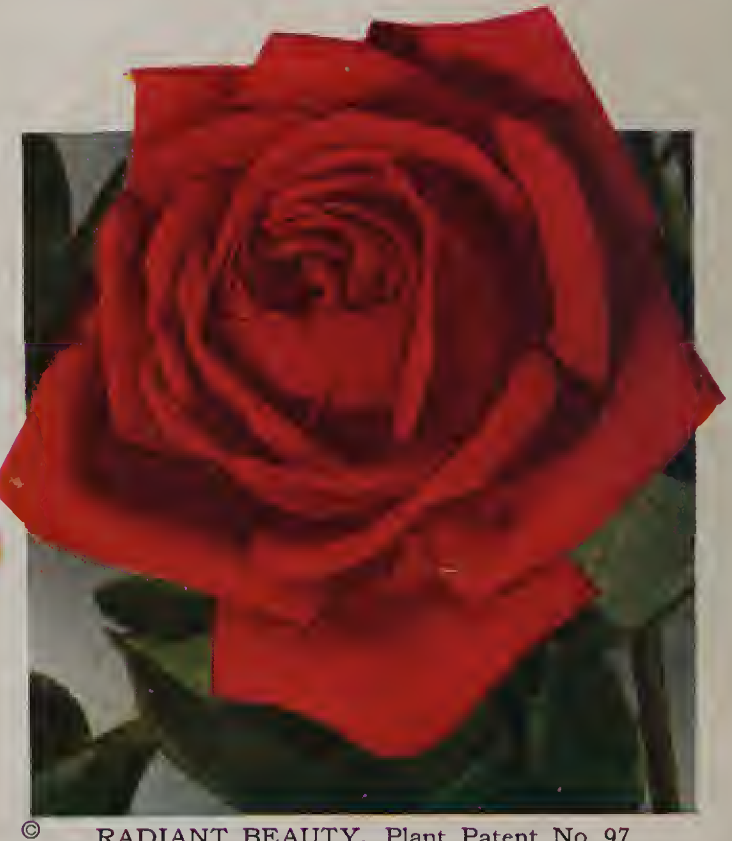
© WHITE BRIARCLIFF. Plant Patent No. 108
$1.50 each; per doz. $15.00



© GLOAMING. Plant Patent No. 137
$1.50 each; per doz. $15.00



© SIGNORA. Plant Patent No. 201
$2.00 each; per doz. $20.00



© RADIANT BEAUTY. Plant Patent No 97
$1.50 each; per doz. $15.00